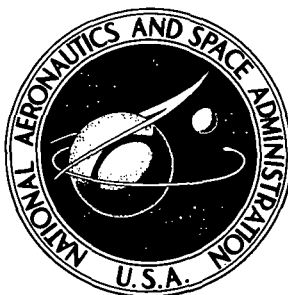


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SUBSONIC CHARACTERISTICS OF  
A TWIN-JET SWEEP-WING FIGHTER MODEL  
WITH MANEUVERING DEVICES

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16. Abstract  An investigation has been conducted at Mach numbers ranging from 0.60 to 0.94 to determine the effects of various combinations of leading-edge slat devices on the static aerodynamic characteristics of a twin-jet swept-wing fighter model. The study also included a determination of the effects of wing leading-edge droop, trailing-edge chord-extensions, wing fences, and wing-planform and camber modifications. The angle-of-attack range generally extended from about $-2^{\circ}$ to $24^{\circ}$ and the sideslip angles ranged from about $-6^{\circ}$ to $13^{\circ}$ .					
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# SUBSONIC CHARACTERISTICS OF A TWIN-JET SWEEP-WING FIGHTER MODEL WITH MANEUVERING DEVICES

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## SUMMARY

An investigation has been conducted in the Langley high-speed 7- by 10-foot tunnel to assess the maneuverability of a twin-jet, swept-wing fighter configuration with leading-edge slat devices at Mach numbers varying from 0.60 to about 0.94. The present study also included brief investigations of wing droop, trailing-edge chord-extensions, wing fences, and variations in wing planform and camber.

The results of the investigation indicated that the most significant improvement in lift and drag characteristics at high angles of attack was achieved by the addition of the leading-edge slats. In addition, the buffet onset and static lateral-directional characteristics were favorably affected by the addition of the slats. These improvements were substantiated in a flight evaluation of a slatted airplane configuration. The level of static longitudinal stability was reduced somewhat by the addition of the slats which degraded the low-speed, static longitudinal stability qualities.

## INTRODUCTION

During recent years an increased emphasis has been placed upon the importance of suppressing flow separation to high angles of attack for fighter airplanes. Flow separation can sometimes introduce undesirable stability, maneuverability, buffet, and performance characteristics which might restrict the operation of high-performance military airplanes to boundaries below the limits imposed by thrust and structural considerations.

The National Aeronautics and Space Administration has recently completed a series of investigations in conjunction with the McDonnell Douglas Corporation to assess various methods of improving the high-angle-of-attack, buffet, stability, and performance characteristics of a 5-percent-scale F-4E model at high subsonic-transonic Mach numbers. Since past experience (for instance, ref. 1) has indicated that the deteriorations in the high-angle-of-attack characteristics of this airplane are associated with stalling of the wing due to leading-edge separation, the emphasis of this study was placed upon

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approaches which might result in a postponement of the initial onset of wing flow separation. The wing modifications that were considered during this program included the additions of a systematic series of leading-edge slats, inboard leading-edge droop, outboard fences, a series of trailing-edge chord-extensions, new wing tips, and, in order to provide a baseline comparison, a completely new wing. The F-4E improvement studies have been extended to include a survey of Krueger flaps and other combinations of leading-edge devices (ref. 2). In addition to the wing improvement aspects of these investigations, the present studies were conducted to accomplish several secondary objectives. These objectives were (1) to obtain additional data which would enable the simultaneous comparison of wing bending-gage buffet results with static aerodynamic data, (2) to provide direct comparisons to evaluate buffet determination techniques suitable for different types of wind-tunnel facilities, and (3) to obtain qualitative correlations of small-scale wind-tunnel results with flight results.

The basic and modified configurations were investigated at Mach numbers ranging from a minimum of 0.60 to a maximum of 0.94, which corresponds to a Reynolds number of about  $10.83 \times 10^6$  to  $12.14 \times 10^6$  per m ( $3.3 \times 10^6$  to  $3.7 \times 10^6$  per ft). Angle-of-attack and sideslip variations were extended to a maximum of approximately  $24^\circ$  and  $13^\circ$ , respectively. The wind-tunnel investigations were conducted in the Langley high-speed 7- by 10-foot tunnel.

## SYMBOLS AND ABBREVIATIONS

The coefficients of longitudinal forces and moments presented in this report are referred to the stability-axis system with the exception of axial force and normal force which are referred to the body-axis system. Lateral-directional characteristics were calculated by utilizing the body axis as the reference. The static aerodynamic forces and moments for configurations 1, 2, and 4 have been nondimensionalized by using the geometric characteristics of the basic, configuration 1, arrangement. (See fig. 1(b).) Results for configuration 3 were nondimensionalized by utilizing the reference characteristics shown in figure 6. The center-of-gravity position for configurations 1, 2, and 4 was assumed to be at fuselage station 48.84 cm (19.23 in.) and at fuselage station 49.43 cm (19.46 in.) for configuration 3. The units used for the physical quantities in this report are given both in the International System of Units (SI) and in the U.S. Customary Units. Measurements and calculations were made in U.S. Customary Units. Factors relating to the two systems are given in reference 3.

b            wing span, cm (in.)

c            wing theoretical chord (see fig. 1(b)), cm (in.)

$\bar{c}$	mean geometric chord, cm (in.)
$c_l$	local chord of airfoil, cm (in.)
$C_A$	axial-force coefficient, $\frac{\text{Axial force}}{qS}$
$C_D$	drag coefficient, $\frac{\text{Drag}}{qS}$
$C_{D,0}$	drag coefficient at zero lift
$C_D(C_{L=.8})$	drag coefficient at lift coefficient of 0.8
$C_L$	lift coefficient, $\frac{\text{Lift}}{qS}$
$C_{L\alpha}(C_{L=.8})$	lift-curve slope (near lift coefficient of 0.8), per deg
$C_{L,\text{buffet}}$	lift coefficient for buffet onset
$C_l$	rolling-moment coefficient, $\frac{\text{Rolling moment}}{qSb}$
$C_{l_\beta}$	effective dihedral parameter, $\frac{\partial C_l}{\partial \beta}$ , per deg
$C_m$	pitching-moment coefficient, $\frac{\text{Pitching moment}}{qS\bar{c}}$
$C_n$	yawing-moment coefficient, $\frac{\text{Yawing moment}}{qSb}$
$C_{n_\beta}$	directional-stability parameter, $\frac{\partial C_n}{\partial \beta}$ , per deg
$C_{n_\beta,\text{dyn}} = C_{n_\beta} - \frac{I_Z}{I_X} C_{l_\beta} \sin \alpha$	
$C_Y$	side-force coefficient, $\frac{\text{Side force}}{qS}$
$D$	diameter, cm (in.)
F.S.	fuselage station, measured from nose of model, cm (in.)

$I_X$	moment of inertia about longitudinal body axis, $\text{kg-m}^2$ (slug-ft <sup>2</sup> )
$I_Z$	moment of inertia about normal body axis, $\text{kg-m}^2$ (slug-ft <sup>2</sup> )
$L/D$	lift-drag ratio
$L/D(C_{L=.8})$	lift-drag ratio at lift coefficient of 0.8
$(L/D)_{\text{max}}$	maximum untrimmed lift-drag ratio
L.E.	leading edge of wing section
M	Mach number
$M_{\text{wsg}}$	root-mean-square output of wing bending gage, m-N (in-lb)
q	free-stream dynamic pressure, $\text{N/m}^2$ (lb/ft <sup>2</sup> )
R	radius, cm (in.)
$R_n$	Reynolds number, per m (per ft)
S	wing reference area, $\text{m}^2$ (ft <sup>2</sup> )
W.S.	wing station, measured from center line of model, cm (in.)
W.T.	wind tunnel
$\alpha$	angle of attack, deg
$\beta$	angle of sideslip, deg
$\delta_A$	left wing aileron deflection (positive when trailing edge is down), deg
$\delta_f$	wing trailing-edge flap deflection (positive when trailing edge is down), deg
$\delta_H$	horizontal-tail deflection (positive when trailing edge is down), deg
$\delta_Z$	right wing spoiler deflection (positive when trailing edge is up), deg

Model and component designations:

Configuration 1	basic configuration (see fig. 1)
Configuration 2	same as configuration 1 with exception of engine nozzle (see fig. 5)
Configuration 3	same as configuration 1 with exception of wing (see fig. 6)
Configuration 4	same as configuration 1 with exception of wing tip (see fig. 7)
f	wing fence (see fig. 4)
H <sub>T</sub>	horizontal tail
S <sub>3</sub>	leading-edge slats utilized with configuration 3 (see fig. 8)
S <sub>4</sub>	outboard leading-edge slats utilized with configuration 4 (see fig. 7)
$\left. \begin{matrix} S_{17_o}, S_{17_{oA}}, S_{17_{oB}}, \\ S_{17_{oC}}, S_{17_{oD}}, S_{17_{oE}} \end{matrix} \right\}$	outboard leading-edge slats utilized with basic wing panel (see fig. 3(a))
$\left. \begin{matrix} S_{18_m}, S_{18_{mA}}, S_{18_{mB}}, \\ S_{18_{mC}}, S_{19_m} \end{matrix} \right\}$	midspan leading-edge slats utilized with basic wing panel (see figs. 3(b) and 3(d))
$S_{17_i}, S_{18_i}, S_{19_i}$	inboard leading-edge slats utilized with basic wing panel (see figs. 3(c) and 3(d))
T.E.	trailing-edge extension
T.E. <sub>1</sub>	flat-plate trailing-edge extension (see fig. 4)
T.E. <sub>2</sub>	large trailing-edge extension with cusp (see fig. 4)
T.E. <sub>3</sub>	small trailing-edge extension with cusp (see fig. 4)

## MODEL CHARACTERISTICS

The models which were studied in the present investigations are designated herein as configurations 1, 2, 3, and 4. Configuration 1, the basic model, represents a 5-percent-scale version of the F-4E airplane. Information regarding the section characteristics of the airfoils of the basic configuration is published in reference 1. The general dimensional and angular characteristics of the basic arrangement are presented in the sketches shown in figure 1. Photographs of the basic model with a leading-edge slat installation are presented in figure 2. Figure 3 indicates the various wing leading-edge slat arrangements which were incorporated with the basic wing. In addition to the leading-edge slats, several other wing modifications were considered in an attempt to improve the aerodynamic characteristics of the basic wing. These modifications included inboard-wing leading-edge droop, wing fences, and trailing-edge chord-extensions near the wing tip. Figure 4 schematically illustrates the physical characteristics of these devices. With regard to the trailing-edge chord-extension (T.E.) arrangements, the planform drawing indicates the geometric characteristics of the 0.0813-cm-thick (0.032-in.) flat-plate extension T.E.<sub>1</sub>. The trailing-edge extension T.E.<sub>2</sub> was formed by "rolling" T.E.<sub>1</sub> to the shape indicated by the B-B and C-C cross-section sketches included in figure 4. The small trailing-edge extension T.E.<sub>3</sub> was obtained by cutting T.E.<sub>2</sub> and removing the area rearward of the "cutline" shown in the sketch included in figure 4.

The model referred to herein as configuration 2 was identical to the basic configuration 1 with the exception of the engine nozzle arrangement. (See fig. 5.) The nozzle of configuration 1 represented a subsonic-transonic choke whereas the nozzle of configuration 2 represented a supersonic condition.

Configuration 3 consisted of the basic fuselage, the basic horizontal and vertical-tail components, but an entirely different wing which is shown in figure 6. The outboard 20-percent portion of the wing of configuration 3 employed conical camber having a design lift coefficient of 0.3 at Mach 1.0. The airfoil section arrangement consisted of a modified NACA 64A006.6 section at the wing root and a modified NACA 64A003 section at the tip of the wing. A sketch of the leading-edge slats  $S_3$  which were incorporated with this modified model is included in figure 6.

Configuration 4 was identical to the basic configuration 1 except for the wing. The wing consisted of the basic inboard wing panel but had the wing tip of configuration 3. (See fig. 7.) The slats which were utilized with this model have been designated as  $S_4$  (the outboard portion of the configuration 3 slat shown in fig. 6) and  $S_{18m}$  (one of the midspan slat arrangements which was used with the basic arrangement shown in fig. 3(b)).

All four configurations were tested with four missiles installed at the locations indicated in figures 1(a) and 1(e).

## MEASUREMENTS AND CORRECTIONS

### Measurement of Buffet Characteristics

One of the primary purposes of the present studies was to obtain a sufficient amount of data to examine the degree of agreement between the buffet onset characteristics determined from small-scale wind-tunnel tests and full-scale flight investigations. Another purpose was to obtain a systematic set of static forces, moments, and buffet measurements to provide a basis for comparing results obtained from different types of tunnel facilities. The investigations, therefore, included the acquisition of buffet measurements for the basic model and one of the most promising modified  $S_{17}_O S_{18}_m$  configurations. Buffet data were not taken for all the individual models. The buffet study was limited to selected configurations in the earlier portion of the investigations, designated "Test 857." In addition, buffet results were not taken for all test points during a given run. The Test 857 portion of the run schedule, table I, indicates the configuration for which wing-bending-gage data were taken. The primary source of buffet information was obtained by the wing-root bending-gage techniques. References 4 and 5 describe in detail the interpretive and electronic techniques involved with this approach, and, therefore, only a brief description of the test procedures will be included in the following discussion.

The buffet gages, consisting of four active strain gages, were embedded in the left inboard panel of the basic wing at the position indicated in figure 1(b). During a typical test, as the angle of attack is increased and the flow from the wing begins to separate, alternating currents are emitted from the wing gage as a result of the fluctuating aerodynamic load disturbance. The alternating signals were converted to root-mean-square values and integrated for a period of 45 seconds. Static calibration values were used to convert the alternating current results to average root-mean-square levels. The buffet results, therefore, designated herein as "WSG" in the tabulated results and " $M_{wsq}$ " in the plotted results represent the average root-mean-square moments experienced near the root of the wing during a 45-second sampling interval. The tabulated and plotted results are presented in U.S. Customary Units of in-lb. To obtain the values in SI units of m-N, multiply values by 0.113.

### Measurements of Static Aerodynamic Forces and Moments

The static aerodynamic forces and moments were measured by means of a six-component electrical strain-gage balance which was installed within the model. When buffet data were taken, the static aerodynamic data were recorded simultaneously with the integrated root-mean-square bending moment.

Transition strips of No. 100 carborundum grit, 0.254 cm (0.10 in.) wide, were affixed to the model forebody 1.905 cm (0.75 in.) aft of nose, to the tail surface at

5 percent chord, and to the inlet ducts 0.635 cm (0.25 in.) aft of the leading edge throughout the study. Investigations were made with and without transition strips on the wing. The run schedule, table I, indicates the wing transition condition for the individual runs.

### Corrections to Static Aerodynamic Results

The angles of attack shown herein have been corrected for the combined bending of the sting and balance system due to aerodynamic loading. Balance cavity pressures were monitored throughout the investigation by means of differential pressure gages, and the axial-force and drag-coefficient data have been adjusted to correspond to a condition of free-stream static pressure at the base of the model. Since the study was primarily concerned with buffet and stability characteristics, no attempt was made to correct the drag for the flow through the simulated engines. Jet-boundary and blockage corrections were applied to the results as prescribed in references 6 and 7, respectively.

### TEST CONDITIONS

The investigation was conducted in two phases (Test 857 and Test 873) in the Langley high-speed 7- by 10-foot tunnel, a continuous flow facility, having for this study, a closed test section. In general, the Mach number range extended from a minimum Mach number of about 0.60 to a maximum Mach number of about 0.94. At the lowest Mach number, angles of attack of about  $25^\circ$  were achieved. However, at the higher speeds, the maximum attainable angle of attack was reduced to about  $12^\circ$  owing to support sting load limitations.

The lateral-directional studies were performed in two different manners, that is, (1) angle of attack was varied at a fixed sideslip angle  $\beta$  and (2)  $\beta$  was varied at fixed angles of attack. The maximum sideslip range extended from about  $-7^\circ$  to  $14^\circ$ .

The average test conditions for the two phases of this investigation differed slightly owing to seasonal variations in temperature. Average test conditions for the two studies are shown in the following table:

M	q		$R_n$	
	kN/m <sup>2</sup>	lb/ft <sup>2</sup>	per m	per ft
Test 857				
0.60	20.0	417	$10.827 \times 10^6$	$3.30 \times 10^6$
.70	24.9	520	12.139	3.70
.80	29.5	616	12.631	3.85
.90	33.9	707	12.795	3.90
.94	35.2	735	12.139	3.70
Test 873				
0.60	20.1	420	$10.335 \times 10^6$	3.15
.70	25.1	525	11.483	3.50
.80	29.8	622	12.139	3.70
.90	34.3	717	12.369	3.77



## PRESENTATION OF RESULTS

Table I presents run schedules of Tests 857 and 873 for the tabulated results presented in table II. In addition to the tabulated results, the majority of the results is shown as plotted presentations in figures 8 to 60. An outline of the data figures is presented as follows:

	Figure
<b>Longitudinal characteristics:</b>	
Transition off and on; configuration 1 . . . . .	8
Control effectiveness; configuration 1 . . . . .	9
Effect of $S_{17_o}$ slat on configuration 1 . . . . .	10
Effect of $S_{17_o} S_{17_i}$ slats on configuration 1 . . . . .	11
Effect of $S_{17_o} S_{18_m}$ slats on configuration 1 . . . . .	12
Effect of $S_{17_o} S_{19_m}$ slats on configuration 1 . . . . .	13
Effect of $S_{17_o} S_{18_m} S_{18_i}$ slats on configuration 1 . . . . .	14
Effect of $S_{17_o} S_{19_m} S_{18_i}$ slats on configuration 1 . . . . .	15
Effect of $S_{17_o} S_{19_m} S_{19_i}$ slats on configuration 1 . . . . .	16
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Control effectiveness; configuration 2 with $S_{17_o} S_{18_m}$ slats and flaps deflected $15.0^\circ$ . . . . .	27
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	Figure
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Effect of T.E. <sub>1</sub> on configuration 1 with $S_{17_0} S_{18_m}$ slats and wing fences . . . . .	35
Effect of T.E. extensions on configuration 1 with $S_{17_0} S_{18_m}$ slats and wing droop . . . . .	36
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## SUMMARY OF RESULTS

The present studies encompassed an extensive series of leading-edge slat arrangements, control effectiveness tests, and wing planform modifications. A thorough discussion of the results of all of the various model modifications would be lengthy and tend to obscure the most important results. Therefore, the primary emphasis of the following discussion will be placed on the modified configuration which appears to offer the most promising, overall subsonic-transonic potential.

### Longitudinal and Buffet Characteristics

Addition of maneuver slats.- Past research, reference 5, has indicated that the location of transition grit can have a large effect on the buffet as well as the aerodynamic characteristics. It might be expected that the thin sweptback wing of this model would be relatively insensitive to the placement of critical transition. However, in order to add credence to the results by insuring that the grit placement did not significantly alter the experimental results, a brief study was performed at the outset of tests to assess the effects of the wing artificial transition strips. It will be noted from figure 8 that at Mach numbers of 0.80 and 0.90 the characteristics of the basic configuration (configuration 1) with the wing grit off and on were very similar. It is believed that the slight scatter which is noted (for instance, in the wing bending-gage results shown in fig. 8(b)) is within the repeatability range of the instrumentation. In general, the remainder of the studies were conducted with the wing transition strips off when slats were incorporated and with the transition on for the slat-off configurations, with the exception of configuration 3. This somewhat arbitrary procedure was followed because it was believed that the configurations with leading-edge devices would be the least sensitive to transition placement and also because of the apparent insensitivity of the clean-wing configuration to the transition strips. (The run schedule, table I, indicates the wing transition condition which was utilized for each of the studies.)

Previous wind-tunnel investigations (for example, ref. 1) have indicated that the loss in directional stability and effective dihedral exhibited by this type of swept-wing fighter configuration at the higher angles of attack is related to a wing leading-edge separation which is often experienced by sweptback thin wing configurations. Leading-edge separation would naturally result in degradations in the high-angle-of-attack performance characteristics and, in all probability, a buffeting of the airframe. The present effort, therefore, primarily was oriented toward modifications which would improve the wing leading-edge and spanwise flow conditions. The application of leading-edge slat devices has been shown (refs. 5 and 8) to be very beneficial with regard to buffet and performance considerations at the higher angles of attack. Unlike a trailing-edge flap system, leading-edge slat devices can usually be deflected without encountering excessively large nose-

down pitching moments and the consequent lift and drag trim penalties resulting from the required control input. During the first phase (Test 857) of the present investigations, a series of slats designed by the McDonnell Douglas Corporation were studied to obtain a cursory indication of slat, span coverage, gaps, and positions that might suppress the wing leading-edge separation encountered with the basic configuration. (See figs. 10 to 17.) These results will not be discussed in detail; however, in striving for simplicity, it appeared that the application of slats to the midspan and outboard portion of the wing offered one of the most promising approaches. For example, the results shown in figure 12 indicate that the addition of the  $S_{17O} S_{18m}$  slat devices resulted in significant increases in lift, leading-edge suction (as indicated by the variations in the axial-force coefficient  $C_A$ ), and lift-drag ratios in the moderate to high-angle-of-attack range. Large reductions in drag were evident in the high-lift coefficient range. For instance, at a lift coefficient of  $C_L = 0.8$ , the drag was reduced by about 0.0300 at a Mach number of 0.60 and by about 0.0500 at a Mach number of 0.90. A comparison of the buffet results ( $M_{wsg}$ ) obtained in the control effectiveness study of configuration 1 with the  $S_{17O} S_{18m}$  slat arrangement (see fig. 17) with the buffet results for the basic configuration (fig. 9) reflects the pronounced improvements in the buffet-onset lift coefficients which were achieved with the addition of the slat devices.

Engine-choke variations.- At the beginning of the second phase of the studies (Test 873), the basic configuration was tested with a supersonic nozzle arrangement. (See fig. 5.) The configuration which incorporated the supersonic choke is denoted herein as configuration 2 and duplicates the basic (configuration 1) arrangement with the exception of the nozzle design. Although this slight dissimilarity existed, the only significant difference in the static aerodynamic characteristics of the two configurations was in the slightly higher drag exhibited by configuration 1. (See  $C_A$  and  $L/D$  characteristics in fig. 18.) The higher drag characteristics of configuration 1 are presumed to be due to flow separation promoted by the comparatively abrupt closure in the region of the nozzle exit. (See fig. 5.)

Effect of slat position.- As mentioned in the earlier discussion, the first phase of the longitudinal studies indicated that within the range of the slat variables, the addition of midspan and outboard slat segments resulted in substantial improvements to the static aerodynamic characteristics of the basic F-4E arrangement. A major portion of the second phase (Test 873) of the studies, therefore, was directed toward determining whether additional gains could be accomplished through changes in the longitudinal positions and gaps of the outboard and midspan slat segments. Figures 19 to 24 indicate some of the longitudinal results which were obtained during this portion of the study.

One underlying consideration which prevailed during the slat surveys was the longitudinal stability characteristics at the higher lift coefficients. Also, emphasis was placed upon achieving a two-position slat arrangement, that is, either extended or retracted.

A review of the pitching-moment characteristics shown for the basic clean-wing configuration (see fig. 9(a)) indicates that, at a lift coefficient of about 0.8, there is a pronounced reduction in the static longitudinal-stability level followed by a stable stall. Significant changes in the center-of-gravity position are undesirable since, if the present effort results in a retrofit program for the airplane, it will be very difficult to rebalance the F-4E. Several of the slat arrangements resulted in very significant performance improvements but offered unattractive overall characteristics due to changes in static margin. An example of this conflict is shown in figure 23. The comparison shown represents results which were obtained with the slat modifications  $S_{17_oB}S_{18_mB}$  and  $S_{17_o}S_{18_m}$ . With respect to the wing leading edge, the  $S_{17_oB}S_{18_mB}$  slats were extended considerably more than the  $S_{17_o}S_{18_m}$  slats. (See figs. 3(a) and 3(b).) It will be noted from the comparison of the longitudinal characteristics of these models (fig. 23) that, at a Mach number of 0.60, the additional extensions of the slats result in an increase in lift and a reduction in drag at the high-lift coefficients. The pitching-moment curves, however, reflect that the added forward slat area results in less desirable longitudinal stability characteristics. At a Mach number of 0.90, the results indicate that the additional extension of the slats adversely affects the performance characteristics (lift-drag ratios) and produces a more pronounced longitudinal instability at the higher lift coefficients.

In reviewing the slats which were studied from a standpoint of optimizing for a two-position device, the  $S_{17_o}S_{18_m}$  slats appeared to offer one of the most promising arrangements in the high subsonic Mach number range. It is recognized though that additional improvements are desirable, particularly with regard to the low-speed longitudinal stability characteristics at high angles of attack and probably could be achieved by further "tuning" of the slat positions.

Asymmetric slat deflection and flap, horizontal-tail, and spoiler-aileron effectiveness.- Flap contributions, horizontal-tail effectiveness, asymmetric slat deflection, and spoiler-aileron effectiveness characteristics were determined for selected configurations and these results are presented without discussion in figures 25 to 32.

Wing fences, inboard wing droop, and trailing-edge extensions.- In an attempt to improve the high-lift longitudinal stability characteristics of the basic configuration with the midspan slat  $S_{18_m}$  and outboard slat  $S_{17_o}$  arrangement, several additional modifications were made to the basic wing and included fences, outboard trailing-edge extensions, and inboard leading-edge droop. (See fig. 4.) The longitudinal results which were obtained during these studies are presented in figures 33 to 37. To summarize the effects observed with these modifications, it was determined that the addition of the flat-plate wing fences at the Reynolds number of the present study did not significantly alter the static longitudinal characteristics. (See fig. 33.) The leading-edge droop modification near the fuselage-wing juncture resulted in small increases in lift and lift-drag ratios and in slight reduc-

tions in drag in the high-angle-of-attack range at a Mach number of 0.60. (See fig. 34.) Effects of the wing droop at Mach 0.90 were insignificant. Past experience (ref. 9), however, has indicated that leading-edge droop can be very effective in alleviating the spanwise flow conditions on sweptback, thin wings which induce undesirable stability characteristics at the higher lift coefficients. Although the present evaluation of this type of device was brief, it is believed that careful application of wing droop would lead to significant improvements in the subsonic, high-angle-of-attack stability and performance characteristics.

With regard to the trailing-edge extension devices, the results (figs. 33, 35, and 36) suggest that the addition of the large flat-plate extension T.E.<sub>1</sub> would result in modest increases in lift and lift-drag ratio and in reductions in untrimmed drag in the high-angle-of-attack range at both of the test Mach numbers (0.60 and 0.90). The positive lift increment provided by the extensions rearward of the assumed center-of-gravity position resulted in a nose-down pitching-moment contribution at the higher lift coefficients. The larger of the cusped trailing-edge extensions (T.E.<sub>2</sub>) exhibited similar high-angle-of-attack contributions in addition to "flaplike" nose-down pitching moment and positive lift increments. (See fig. 36.) The small cusped trailing-edge extension T.E.<sub>3</sub> provided only slight improvements in the linearity of the pitching-moment variation with lift. A comparison of figures 37 and 28 indicates that the improvements derived from addition of the outboard slat device S<sub>170</sub> is not significantly altered by the addition of the trailing-edge chord-extension T.E.<sub>1</sub>.

Characteristics of configuration 3.- In addition to the leading- and trailing-edge variations which were made to the wing, studies were made to determine the aerodynamic characteristics of the basic fuselage-tail combination with an entirely different wing. The modified wing configuration, denoted herein as configuration 3 (see fig. 6), employed a cambered, aspect-ratio-3 wing which varied in thickness from 6.6 percent  $c$  at the root to 3.0 percent  $c$  at the tip. Investigations were made to assess the effects of the horizontal tail (fig. 38) and wing leading-edge slats (fig. 39) and to determine the longitudinal control effectiveness of configuration 3 with wing slats (fig. 40). The pitching-moment results shown in figure 38 indicate that as in the case of the basic model the addition of the horizontal tail to the configuration 3 arrangement had a relatively small effect on the longitudinal-stability level ( $\partial C_m / \partial C_L$ ). In fact, a forward shift in the assumed center of gravity of configuration 3 would be required in order to provide satisfactory static stability characteristics. The results shown in figure 39 indicate that the addition of the leading-edge slats to configuration 3 provided significant improvements in the lift, drag, and performance characteristics at the higher angles of attack. A comparison of the pitching-moment results included in figure 40 (configuration 3) and figure 9 (basic wing) indicates that the changes incorporated with the slatted wing 3 configuration did not result in any appreciable difference in the horizontal-tail control effectiveness.

Characteristics of configuration 4.- The static longitudinal characteristics for configuration 4 with and without leading-edge slats are presented in figure 41. As mentioned in the section entitled "Model Characteristics," configuration 4 was derived by applying the cambered tip of the configuration 3 wing to the basic F-4 model. (See fig. 7.) The pitching-moment results shown in figure 41(a) indicate that the addition of the leading-edge slats, which consisted of an outboard slat  $S_4$  (fig. 7) and an inboard slat  $S_{18_m}$  (fig. 3(b)), resulted in a substantial reduction in the static longitudinal-stability level at lift coefficients above 0.7. Sizable benefits in the lift and drag characteristics are again indicated at both Mach 0.60 and 0.90 in the high-angle-of-attack range with the addition of the slat devices.

Comparison of basic configuration with configurations 3 and 4.- A comparison of the results which were obtained for the basic configuration with the results for configurations 3 and 4 is presented in figure 42. This comparison indicates that, in general, the configuration 3 wing provides higher lift-curve slopes ( $\partial C_L / \partial \alpha$ ), greater maximum lift-drag ratios, and lower drag due to lift ( $C_D - C_{D,o}$ ) than the basic wing. The wings of the basic and configuration 3 models differ in sweep, camber, aspect ratio, and taper ratio; therefore, the dissimilarities in these subsonic performance characteristics cannot be attributed to any one wing feature. In addition, the configuration 3 design with its cambered wing, lower sweep, and higher aspect ratio (2.8 for the basic wing and 3.0 for configuration 3) incorporates features which would promote superior subsonic performance characteristics and it is probable that these trends would reverse in the supersonic Mach number range. With regard to longitudinal stability characteristics, it will be noted from the pitching-moment plots that the longitudinal-stability level ( $\partial C_m / \partial C_L$ ) of the configuration 3 model is much less than the stability level of the basic configuration. In addition, the  $M = 0.90$  results show that the configuration 3 model exhibited a rather abrupt divergence at an angle of attack of about  $11^\circ$ . The pitching moment, lift, and drag results suggest that this behavior probably occurs as a result of flow separation on the outboard wing panel.

Configuration 4 as discussed in the section entitled "Model Characteristics" was identical to the basic configuration with the exception of a wing tip modification. (See fig. 7.) The comparison plots shown in figure 42 indicate that the incorporation of the modified wing tips with the basic configuration results in very substantial improvements in the high-angle-of-attack lift and drag results. The favorable effects achieved by the addition of the new wing tip exemplifies the fact that the initial flow separation of the basic configuration can be substantially delayed by cambering the sharp leading edge of the outboard wing panel. This approach is similar to the outboard slat application; however, it would appear from the standpoint of simplicity that the slat approach would be the most promising and versatile method of improving the maneuver characteristics of the basic configuration without compromising cruise or supersonic performance.

Comparison of wind-tunnel with flight characteristics.- Subsequent to the present wind-tunnel study, the McDonnell Douglas Corporation applied fixed leading-edge slats to an F-4 airplane which was flight tested and evaluated by the USAF and Navy. (See ref. 10.) The slat arrangement was almost identical to the  $S_{17_0} S_{18_m}$  slat concept (see figs. 2 and 3) studied in the present investigations. Comparisons between the model data and the full-scale flight results have indicated good agreement with the improvements noted in the wind tunnel when incorporating the leading-edge slats. Figure 43 indicates a summary comparison of several longitudinal performance parameters determined for the basic arrangement and the  $S_{17_0} S_{18_m}$  slatted configurations. Most of the results shown in this figure represent model data; however, flight results are included which indicate lift coefficients for buffet onset. It will be noted from the  $C_{L, \text{buffet}}$  summary that the sizable improvements noted in the model study were substantiated in the flight evaluation. Although detailed quantitative results are not included herein, flight reports (refs. 10 and 11) have indicated substantial improvements in the overall performance characteristics resulting from the slat incorporation and tend to verify the improvements noted in the model characteristics. With regard to the longitudinal stability characteristics of the boilerplate one-position slats-out airplane, adverse pilot comments were made with regard to the low-speed handling qualities at landing altitudes. This in-flight behavior substantiates the neutral to unstable trends observed from the wind-tunnel results (fig. 12) for the  $S_{17_0} S_{18_m}$  arrangement at moderate to high lift coefficients.

#### Lateral-Directional Characteristics

Scope of studies.- A considerable research effort (for example, see refs. 1 and 12) has been concentrated on the study of directional divergence (or nose slice) of high-performance swept-wing fighter airplanes at angles of attack near the stall. This type of directional divergence has been shown to result in inadvertent post-stall gyrations and spins. The aforementioned research has indicated that for the configuration studied in the present investigation the nose-slice problem is associated with a simultaneous loss of directional stability and effective dihedral at high angles of attack. These instabilities were related to the stalling of the leading-edge wing panel. Since the present study was directed toward the incorporation of devices to delay wing leading-edge separation, it might be expected that any improvement in high-angle-of-attack stall characteristics would be reflected in the lateral-directional characteristics as well as in the longitudinal behavior. In order to explore the possibility of achieving improvements in the static lateral-directional characteristics, sideslip results for the basic configuration were compared with the slatted  $S_{17_0} S_{18_m}$  configuration. In addition, tests were made to determine the effect of lateral-directional controls with and without the slats and also to examine the effect of having the slat arrangement extended on only one wing panel. These basic results are presented in figures 44 to 58.



Summary of maneuver slat effects.- Comparison summaries of several lateral-directional parameters are shown for the basic and slatted configurations in figures 59 and 60. Figure 59 represents results determined at fixed sideslip angles and figure 60 presents characteristics measured at fixed angles of attack. In general, the trends determined from the two test techniques are very similar. These results indicate very substantial improvements in the effective dihedral parameter  $C_{l_\beta}$  and in the  $C_{n_{\beta,dyn}}$  term, particularly at the lower Mach numbers. This marked improvement in the lateral characteristics was reflected in the flight evaluation (ref. 10) by a substantial postponement in the angle of attack for nose slice and superior high-angle-of-attack tracking qualities of the slatted configuration as compared with the basic configuration. With regard to lateral-directional control behavior, a comparison of figure 46 with figure 48 and of figure 47 with figure 49 suggest that the aileron and spoiler effectiveness should be improved with the wing slats extended.

### CONCLUDING REMARKS

An investigation has been conducted in the Langley high-speed 7- by 10-foot tunnel to determine the static aerodynamic characteristics of a twin-jet, swept-wing fighter configuration at Mach numbers ranging from 0.60 to about 0.94. The incorporation of leading-edge slat devices resulted in sizable improvements in the buffet onset, performance, and lateral-directional characteristics. These improvements were verified in a subsequent flight evaluation of an airplane that closely approximated one of the slatted configurations studied in the wind tunnel. The addition of the one-position slats reduced the level of static longitudinal stability and thereby resulted in degraded overall static longitudinal stability qualities at low speeds and high attitudes.

Langley Research Center,  
National Aeronautics and Space Administration,  
Hampton, Va., October 20, 1972.

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TABLE I.- TABULATED DATA RUN SCHEDULE

(a) Test 857

Run	Approximate Mach number	Configuration	Slats	$\delta_H$ , deg	$\delta_A$ , deg	$\delta_f$ , deg	$\delta_Z$ , deg	$\alpha$ , deg	$\beta$ , deg	Transition
*1	0.90	1	Off	0					0	Off
*2	.80									Off
*3	.60									Wing 40% $c_l$
4	.70									
*5	.80									
*6	.90									
*7	.94									
8	.60			-8						
9	.70									
10	.80									
11	.90									
12	.94									
13	.90			-16						
14	.80									
15	.70									
16	.60									
17	.90			0						Off
18	.60									
19	.90	1+Slats	$S_{17_o} S_{18_m}$							
20	.60		$S_{17_o} S_{18_m}$							
21	.90		$S_{17_o} S_{18_m} S_{19_i}$							
22	.60		$S_{17_o} S_{18_m} S_{19_i}$							
23	.90		$S_{17_o} S_{19_m}$							
24	.60		$S_{17_o} S_{19_m}$							
25	.90		$S_{17_o} S_{19_m} S_{18_i}$							
26	.60		$S_{17_o} S_{19_m} S_{18_i}$							
27	.90		$S_{17_o}$							
28	.60		$S_{17_o}$							

\* Indicates buffet data taken.

TABLE I.- TABULATED DATA RUN SCHEDULE - Continued

(a) Test 857 - Concluded

Run	Approximate Mach number	Configuration	Slats	$\delta_H$ , deg	$\delta_A$ , deg	$\delta_f$ , deg	$\delta_Z$ , deg	$\alpha$ , deg	$\beta$ , deg	Transition
29	0.90	1+Slats	$S_{17_o} S_{17_i}$	0					0	Off
30	.60		$S_{17_o} S_{17_i}$							
*31	.90		$S_{17_o} S_{18_m}$							
*32	.80									
*33	.70									
*34	.60									
35	.90			-8						
36	.80									
37	.70									
38	.60									
39	.90			-16						
40	.80									
41	.70									
42	.60									
43	.90			Off						
44	.80									
45	.70									
46	.60									
47	.90	1	Off							
48	.80									
49	.70									
50	.60									
51	.90			0					$\approx 4$	
52	.80									
53	.70									
54	.90	1+Slats	$S_{17_o} S_{18_m}$							
55	.80									
56	.70									

\*Indicates buffet data taken.

TABLE I.- TABULATED DATA RUN SCHEDULE - Continued

(b) Test 873

Run	Approximate Mach number	Configuration	Slats	$\delta_H$ , deg	$\delta_A$ , deg	$\delta_f$ , deg	$\delta_Z$ , deg	$\alpha$ , deg	$\beta$ , deg	Transition
1	0.90	2+Slats	S <sub>17o</sub> S <sub>18m</sub>	0	0	0	0	Range	≈0	Off
2	.60		S <sub>17o</sub> S <sub>18m</sub>							
3	.90		S <sub>17oB</sub> S <sub>18mB</sub>							
4	.60		S <sub>17oB</sub> S <sub>18mB</sub>							
5	.90		S <sub>17oA</sub> S <sub>18mA</sub>							
6	.60		S <sub>17oA</sub> S <sub>18mA</sub>							
7	.90		S <sub>17oC</sub> S <sub>18mA</sub>							
8	.60		S <sub>17oC</sub> S <sub>18mA</sub>							
9	.90		S <sub>17oE</sub> S <sub>18mA</sub>							
10	.60		S <sub>17oE</sub> S <sub>18mA</sub>							
11	.90		S <sub>17oE</sub> S <sub>18mC</sub>							
12	.60		S <sub>17oE</sub> S <sub>18mC</sub>							
13	.90		S <sub>17oC</sub> S <sub>18mC</sub>							
14	.60		S <sub>17oC</sub> S <sub>18mC</sub>							
15	.90		S <sub>17oD</sub> S <sub>18mC</sub>							
16	.60		S <sub>17oD</sub> S <sub>18mC</sub>							
17	.90		S <sub>17oD</sub> S <sub>18mA</sub>							
18	.60		S <sub>17oD</sub> S <sub>18mA</sub>							
19	.90		S <sub>17o</sub> S <sub>18m</sub>			7.5				
20	.60									
21	.90			-4						
22	.60									
23	.90					15				
24	.60									
25	.90			0						
26	.60									
27	.90	1+Slats				0				
28	.60									
29	.90				30					
30	.60				30					

TABLE I.- TABULATED DATA RUN SCHEDULE - Continued

(b) Test 873 - Continued

Run	Approximate Mach number	Configuration	Slats	$\delta_H$ , deg	$\delta_A$ , deg	$\delta_f$ , deg	$\delta_Z$ , deg	$\alpha$ , deg	$\beta$ , deg	Transition
31	0.80	1+Slats	S <sub>17o</sub> S <sub>18m</sub>	0	30	0	0	Range	$\approx 0$	Off
32	.90	↓	↓	↓	↓	↓	-45	↓	↓	↓
33	.80	↓	↓	↓	↓	↓	↓	↓	↓	↓
34	.70	↓	↓	↓	↓	↓	↓	↓	↓	↓
35	.60	↓	↓	↓	↓	↓	↓	↓	↓	↓
36	.90	↓	S <sub>18m</sub>	↓	0	↓	0	↓	↓	↓
37	.60	↓	S <sub>18m</sub>	↓	↓	↓	↓	↓	↓	↓
38	.80	↓	S <sub>17oC</sub> S <sub>18mC</sub>	↓	↓	↓	↓	↓	↓	↓
39	.90	1	Off	↓	30	↓	-45	↓	↓	40% $c_l$
40	.80	↓	↓	↓	↓	↓	↓	↓	↓	↓
41	.70	↓	↓	↓	↓	↓	↓	↓	↓	↓
42	.60	↓	↓	↓	↓	↓	↓	↓	↓	↓
43	.90	↓	↓	↓	↓	↓	0	↓	↓	↓
44	.60	↓	↓	↓	↓	↓	↓	↓	↓	↓
45	.60	↓	↓	↓	0	↓	↓	$\approx 13$	Range	↓
46	.70	↓	↓	↓	↓	↓	↓	↓	↓	↓
47	.90	↓	↓	↓	↓	↓	↓	↓	↓	↓
48	.80	↓	↓	↓	↓	↓	↓	↓	↓	↓
49	.90	1+Slats	S <sub>17o</sub> S <sub>18m</sub>	↓	↓	↓	↓	↓	↓	Off
50	.80	↓	↓	↓	↓	↓	↓	↓	↓	↓
51	.70	↓	↓	↓	↓	↓	↓	↓	↓	↓
52	.60	↓	↓	↓	↓	↓	↓	↓	↓	↓
53	.90	↓	↓	↓	↓	↓	↓	5	↓	↓
54	.80	↓	↓	↓	↓	↓	↓	↓	↓	↓
55	.60	↓	↓	↓	↓	↓	↓	↓	↓	↓
56	.90	1	Off	↓	↓	↓	↓	↓	↓	40% $c_l$
57	.80	↓	↓	↓	↓	↓	↓	↓	↓	↓
58	.60	↓	↓	↓	↓	↓	↓	↓	↓	↓
59	.90	1+Slats	S <sub>17o</sub> S <sub>18m</sub>	↓	30	↓	↓	Range	$\approx -4$	Off
60	.60	1+Slats	S <sub>17o</sub> S <sub>18m</sub>	↓	30	↓	↓	Range	$\approx -4$	Off

TABLE I.- TABULATED DATA RUN SCHEDULE - Continued

(b) Test 873 - Continued

Run	Approximate Mach number	Configuration	Slats	$\delta_H$ , deg	$\delta_A$ , deg	$\delta_f$ , deg	$\delta_Z$ , deg	$\alpha$ , deg	$\beta$ , deg	Transition
61	0.90	1+Slats	$S_{17_0} S_{18_m}$	0	30	0	45	Range	$\approx -4$	Off
62	.60	1+Slats			30		45		$\approx -4$	
63	.90	1+Slats+T.E. <sub>1</sub>			0		0		0	
64	.60	1+Slats+T.E. <sub>1</sub>								
65	.90	1+Slats+T.E. <sub>1</sub> +f								
66	.60	1+Slats+T.E. <sub>1</sub> +f								
67	.90	1+Slats+f								
68	.60	1+Slats+f								
69	.90	1+Slats+T.E. <sub>1</sub>								
70	.60	1+Slats+T.E. <sub>1</sub>								
71	.90	1+Slats+L.E.								
72	.60	1+Slats+L.E.								
73	.90	3	Off							
74	.80									
75	.70									
76	.60									
77	.90			Off						
78	.80									
79	.70									
80	.60									
81	.90	3+Slats	$S_3$	0						
82	.80									
83	.70									
84	.60									
85	.90			-4						
86	.60			-4						
87	.90	1+Slats+L.E. droop+T.E. <sub>1</sub>	$S_{17_0} S_{18_m}$	0						
88	.60	1+Slats+L.E. droop+T.E. <sub>1</sub>	$S_{17_0} S_{18_m}$	0						

TABLE I.- TABULATED DATA RUN SCHEDULE - Concluded

(b) Test 873 - Concluded

Run	Approximate Mach number	Configuration	Slats	$\delta_H$ , deg	$\delta_A$ , deg	$\delta_f$ , deg	$\delta_Z$ , deg	$\alpha$ , deg	$\beta$ , deg	Transition
89	0.90	1+Slats+L.E. droop+T.E. 2	$S_{17_0} S_{18_m}$	0	0	0	0	Range	0	Off
90	.60	1+Slats+L.E. droop+T.E. 2	$S_{17_0} S_{18_m}$							
91	.90	1+Slats+L.E. droop+T.E. 3	$S_{17_0} S_{18_m}$							
92	.60	1+Slats+L.E. droop+T.E. 3	$S_{17_0} S_{18_m}$							
93	.90	1+Slats	** $S_{17_0} S_{18_m}$							
94	.60	1+Slats	** $S_{17_0} S_{18_m}$							
95	.90	4	Off							40% $c_l$
96	.60		Off							
97	.90		$S_4 S_{18_m}$							
98	.60		$S_4 S_{18_m}$							
99	.90	1+Slats	$S_{17_0} S_{18_m}$					$\approx 20$	Range	Off
100	.80		$S_{17_0} S_{18_m}$							
101	.60		Off							40% $c_l$
102	.90	1	Off							
103	.80									
104	.60							$\approx 26$		
105	.90									
106	.80									
107	.60									
108	.90	1+Slats	$S_{17_0} S_{18_m}$							Off
109	.80		$S_{17_0} S_{18_m}$							
110	.60									
111	.90							$\approx 0.4$		
112	.80									
113	.60									
114	.90	1	Off							40% $c_l$
115	.60	1	Off							40% $c_l$

\*\* Left hand only.



## TABLE II.- TABULATED RESULTS

The symbols used in the tabulated data are defined as follows:

MACH	Mach number
Q	free-stream dynamic pressure, lb/ft <sup>2</sup> (1 lb/ft <sup>2</sup> = 47.88 N/m <sup>2</sup> )
BETA	angle of sideslip, deg
ALPHA	angle of attack, deg
CN	normal-force coefficient
CA	axial-force coefficient
CM	pitching-moment coefficient
CROLL	rolling-moment coefficient
CYAW	yawing-moment coefficient
CSIDE	side-force coefficient
CL	lift coefficient
CD	drag coefficient
L/D	lift-drag ratio
WSG	integrated root-mean-square output ( $M_{wsq}$ on plotted presentations) from wing bending gage, in-lb (1 in-lb = 0.113 m-N)

TABLE II.- TABULATED RESULTS - Continued

TEST 857												RUN 1	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.902	710.317	-0.00	.04	.0465	.0282	-.0529	.0006	-.0000	.0019	.0465	.02825	1.646	3.11882
.904	711.878	-0.00	-.85	-.0168	.0289	-.0497	.0004	-.0000	.0016	-.0164	.02912	-.563	3.33217
.905	712.466	-0.00	.08	.0500	.0282	-.0534	.0006	-.0001	.0022	.0499	.02830	1.764	3.11662
.909	715.829	-0.00	2.29	.2210	.0248	-.0649	.0003	-.0002	.0024	.2198	.03359	6.545	4.12397
.904	712.317	-0.00	2.29	.2209	.0247	-.0646	.0003	-.0002	.0026	.2197	.03347	6.565	4.33072
.905	713.230	-0.00	4.56	.4077	.0191	-.0869	.0005	-.0002	.0025	.4050	.05141	7.877	4.81020
.897	706.833	-0.00	6.82	.5572	.0150	-.0900	.0005	-.0001	.0019	.5516	.08105	6.805	8.56026
.900	708.787	-0.00	7.94	.6196	.0154	-.0865	.0008	-.0006	.0029	.6117	.10084	6.066	12.51047
.902	710.104	-0.00	9.06	.6757	.0158	-.0832	.0000	-.0008	.0035	.6086	.12210	5.446	18.49738
.905	712.568	-0.00	10.15	.7226	.0167	-.0784	.0004	-.0006	.0023	.7086	.14377	4.929	17.40645
.905	712.453	-0.00	11.29	.7705	.0174	-.0828	-.0037	-.0011	.0003	.7525	.16784	4.483	20.16456
.907	714.135	-0.00	12.38	.8281	.0190	-.0897	-.0040	-.0011	.0006	.8052	.19612	4.105	22.72032
.903	711.635	-0.00	13.52	.8854	.0206	-.1044	-.0008	-.0001	.0025	.8565	.22706	3.772	28.86118
.896	706.049	-0.00	14.62	.9251	.0215	-.1045	-.0002	.0001	.0024	.8903	.25428	3.501	30.07088
.892	702.554	-0.00	15.78	.9643	.0234	-.1025	.0005	.0001	.0020	.9223	.28471	3.239	28.92717
.880	692.322	-0.00	16.76	.9927	.0263	-.0953	.0058	-.0015	.0040	.9149	.30289	3.020	26.89488

TEST 857												RUN 2	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.799	621.115	-0.00	.03	.0355	.0269	-.0425	.0006	-.0012	.0043	.0355	.02691	1.321	3.11002
.797	618.728	-0.00	-1.05	-.0370	.0273	-.0396	.0006	-.0011	.0044	-.0365	.02800	-1.304	3.23759
.798	620.203	-0.00	.06	.0352	.0269	-.0428	.0005	-.0012	.0041	.0352	.02697	1.304	3.11222
.796	618.431	-0.00	2.18	.1807	.0232	-.0482	.0005	-.0013	.0044	.1797	.03008	5.973	3.07923
.798	619.670	-0.00	4.39	.3375	.0153	-.0561	.0004	-.0013	.0048	.3353	.04107	8.165	4.07998
.799	620.878	-0.00	6.63	.4950	.0084	-.0636	-.0001	-.0014	.0048	.4908	.06552	7.491	5.79115
.800	622.050	-0.00	8.87	.6463	.0057	-.0703	-.0008	-.0014	.0046	.6378	.10536	6.054	12.97895
.795	617.147	-0.00	11.10	.7451	.0058	-.0707	.0034	-.0017	.0029	.7303	.14909	4.898	20.77161
.800	621.683	-0.00	12.20	.7942	.0064	-.0718	.0019	-.0015	.0035	.7753	.17409	4.453	25.68738
.796	618.201	-0.00	13.32	.8319	.0083	-.0713	-.0020	-.0012	.0040	.8080	.19982	4.044	27.07303
.800	621.668	-0.00	14.42	.8727	.0107	-.0757	-.0010	-.0012	.0048	.8431	.22759	3.704	30.16106
.799	620.882	-0.00	15.56	.9111	.0133	-.0759	.0001	-.0011	.0041	.8747	.25719	3.401	29.86413
.801	622.861	-0.00	16.61	.9370	.0163	-.0750	.0004	-.0004	.0028	.8939	.28357	3.152	28.99315
.799	620.665	-0.00	17.60	.9374	.0203	-.0751	.0056	-.0023	.0040	.8880	.30279	2.933	27.97700
.803	624.322	-0.00	18.62	.9433	.0255	-.0798	-.0023	.0006	.0020	.8865	.32530	2.725	24.63164
.801	621.774	-0.00	19.64	.9721	.0272	-.0889	-.0023	.0011	.0012	.9072	.35235	2.575	24.75041
.803	624.189	-0.01	20.71	1.0161	.0286	-.0994	-.0020	.0014	.0010	.9412	.38608	2.438	26.16246

TEST 857												RUN 3	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.601	416.740	-0.00	-.89	-.0212	.0249	-.0376	.0003	-.0009	.0036	-.0208	.02518	-.826	1.81151
.600	415.991	-0.00	.04	.0334	.0242	-.0394	.0003	-.0011	.0043	.0333	.02421	1.377	1.77849
.604	419.628	-0.00	2.08	.1541	.0208	-.0426	.0004	-.0009	.0037	.1533	.02637	5.811	1.76968
.600	415.422	-0.00	4.17	.2987	.0133	-.0478	-.0000	-.0009	.0038	.2870	.03423	8.384	1.86873
.599	415.128	-0.00	6.37	.4292	.0036	-.0538	-.0003	-.0010	.0043	.4262	.05114	8.334	2.37719
.604	419.677	-0.00	8.56	.5732	-.0043	-.0595	-.0001	-.0013	.0047	.5676	.08113	6.997	4.83582
.602	417.930	-0.00	10.75	.7019	-.0083	-.0626	-.0002	-.0012	.0044	.6914	.12279	5.631	9.94457
.600	415.712	-0.00	11.84	.7595	-.0093	-.0627	-.0003	-.0012	.0046	.7455	.14670	5.082	12.99750
.602	418.306	-0.00	12.99	.8099	-.0096	-.0628	.0009	-.0013	.0038	.7916	.17271	4.584	17.29185
.602	417.525	-0.00	14.06	.8500	-.0077	-.0665	.0011	-.0015	.0038	.8268	.19901	4.155	0.00000
.600	416.087	-0.00	15.19	.8900	-.0065	-.0614	-.0016	-.0008	.0042	.8611	.22693	3.795	0.00000
.599	414.979	-0.00	16.24	.9304	-.0048	-.0587	-.0012	.0002	.0037	.8952	.25554	3.503	0.00000
.599	414.869	-0.00	17.27	.9636	-.0032	-.0547	-.0010	-.0003	.0033	.9218	.28301	3.257	0.00000
.601	416.858	-0.00	18.32	.9926	.0006	-.0572	-.0011	-.0001	.0026	.9428	.31254	3.017	0.00000
.601	417.082	-0.00	19.30	.9834	.0068	-.0634	.0046	-.0031	.0050	.9266	.33144	2.796	0.00000
.603	418.558	-0.00	20.28	.9705	.0143	-.0755	-.0021	.0012	.0017	.9062	.34979	2.591	0.00000
.603	418.716	-0.00	21.27	.9977	.0166	-.0851	-.0018	.0012	.0026	.9246	.37732	2.450	0.00000
.602	417.787	-0.00	22.28	1.0328	.0168	-.0926	-.0008	.0003	.0029	.9503	.40710	2.334	0.00000
.601	416.949	-0.00	23.28	1.0701	.0170	-.1006	-.0006	.0004	.0035	.9773	.43849	2.229	0.00000
.603	419.267	-0.00	24.17	1.1067	.0167	-.1094	-.0006	.0003	.0034	1.0040	.46832	2.144	0.00000

TEST 857												RUN 4	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.698	518.179	-0.00	-1.02	-.0323	.0252	-.0382	.0001	-.0010	.0040	-.0318	.02576	-1.235	0.00000
.700	520.832	-0.00	.06	.0355	.0249	-.0407	.0002	-.0009	.0039	.0355	.02494	1.423	0.00000
.701	521.845	-0.00	2.13	.1636	.0217	-.0452	.0001	-.0009	.0039	.1627	.02779	5.857	0.00000
.700	520.148	-0.00	4.30	.3085	.0135	-.0515	-.0002	-.0009	.0039	.3067	.03659	8.381	0.00000
.698	518.822	-0.00	6.51	.4588	.0048	-.0575	-.0001	-.0011	.0044	.4554	.05681	8.016	0.00000
.700	520.302	-0.00	8.71	.5999	-.0011	-.0622	-.0000	-.0013	.0049	.5933	.08977	6.609	0.00000
.701	521.823	-0.00	10.97	.7305	-.0027	-.0655	-.0001	-.0013	.0050	.7179	.13641	5.263	0.00000
.699	519.232	-0.00	12.02	.7742	-.0034	-.0651	-.0005	-.0012	.0048	.7583	.15787	4.803	0.00000
.702	522.150	-0.00	13.15	.8166	-.0015	-.0666	.0024	-.0014	.0030	.7959	.18426	4.320	0.00000
.700	520.069	-0.00	14.23	.8595	-.0003	-.0645	-.0015	-.0011	.0038	.8336	.21090	3.953	0.00000
.700	520.052	-0.00	15.37	.8925	.0015	-.0632	-.0010	-.0001	.0035	.8607	.23797	3.617	0.00000
.701	521.224	-0.00	16.45	.9312	.0045	-.0623	.0001	-.0000	.0026	.8924	.26808	3.329	0.00000
.703	523.241	-0.00	17.47	.9615	.0079	-.0635	-.0010	.0005	.0017	.9155	.29613	3.091	0.00000
.705	525.427	-0.00	18.46	.9534	.0145	-.0680	.0028	-.0013	.0025	.9004	.31566	2.852	0.00000
.702	522.317	-0.01	19.43	.9432	.0188	-.0752	-.0027	.0020	.0005	.8839	.33155	2.666	0.00000
.702	522.405	-0.01	20.46	.9787	.0207	-.0858	-.0023	.0020	.0006	.9105	.36146	2.519	0.00000
.700	520.504	-0.01	21.48	1.0154	.0215	-.0945	-.0020	.0016	.0018	.9380	.39181	2.394	0.00000
.699	519.656	-0.00	22.51	1.0585	.0219	-.1030	-.0012	.0011	.0020	.9705	.42549	2.281	0.00000
.704	524.391	-0.00	23.51	1.0965	.0220	-.1115	-.0008	.0007	.0024	.9979	.45752	2.181	0.00000
.701	521.517	-0.00	24.28	1.1270	.0214	-.1188	-.0005	.0007	.0022	1.0197	.48305	2.111	0.00000

TABLE II.- TABULATED RESULTS - Continued

TEST 857												RUN 5	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.793	612.039	-.00	-.98	-.0271	.0263	-.0403	.0003	-.0009	.0034	-.0266	.02674	-.996	3.26423
.796	615.017	-.00	.01	.0370	.0260	-.0430	.0003	-.0008	.0033	.0370	.02597	1.426	3.16078
.796	614.677	-.00	2.14	.1830	.0224	-.0490	.0004	-.0009	.0037	.1821	.02917	6.243	3.19160
.796	614.981	-.00	4.33	.3360	.0143	-.0562	.0002	-.0010	.0040	.3340	.03964	8.425	3.60540
.798	617.125	-.00	6.59	.4927	.0074	-.0629	-.0003	-.0011	.0039	.4887	.06397	7.640	5.35308
.799	617.712	-.00	8.85	.6443	.0040	-.0694	-.0005	-.0014	.0045	.6362	.10311	6.170	11.30045
.797	616.540	.00	11.08	.7451	.0050	-.0706	.0032	-.0014	.0026	.7305	.14803	4.935	18.88544
.797	616.501	-.00	12.16	.7962	.0052	-.0717	.0019	-.0009	.0021	.7776	.17277	4.501	24.48504
.797	615.864	-.00	13.29	.8348	.0072	-.0714	-.0018	-.0005	.0026	.8112	.19889	4.078	25.78589
.799	617.839	-.00	14.37	.8745	.0098	-.0746	-.0008	-.0000	.0028	.8452	.22656	3.730	27.79990
.799	618.122	-.00	15.53	.9107	.0125	-.0743	.0009	-.0003	.0023	.8746	.25598	3.417	27.95838
.799	617.744	-.00	16.58	.9345	.0152	-.0737	.0006	-.0004	.0018	.8919	.28134	3.170	27.57539
.799	617.715	-.00	17.59	.9394	.0199	-.0752	.0056	-.0019	.0032	.8901	.30287	2.939	0.00000
.799	618.317	-.00	18.58	.9412	.0247	-.0799	-.0024	.0014	.0007	.8850	.32324	2.738	0.00000
.801	619.820	-.00	19.60	.9788	.0270	-.0916	-.0021	.0013	.0008	.9138	.35372	2.583	0.00000
.801	619.964	-.01	20.65	1.0163	.0277	-.1015	-.0022	.0016	.0007	.9422	.38430	2.452	0.00000
.800	618.554	-.01	21.71	1.0565	.0281	-.1107	-.0018	.0015	.0009	.9722	.41684	2.332	0.00000
.802	620.800	-.00	22.72	1.1074	.0287	-.1205	-.0010	.0007	.0016	1.0115	.45422	2.227	0.00000
.801	619.913	-.00	23.69	1.1565	.0287	-.1298	-.0006	.0007	.0014	1.0488	.49098	2.136	0.00000

TEST 857												RUN 6	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.901	706.554	-.00	-.97	-.0246	.0294	-.0431	.0004	-.0009	.0036	-.0241	.02980	-.808	3.52616
.902	706.983	-.00	-.02	.0442	.0288	-.0468	.0004	-.0009	.0037	.0442	.02876	1.538	3.24442
.901	706.356	-.00	2.18	.2174	.0250	-.0583	.0004	-.0010	.0039	.2163	.03323	6.509	4.45943
.901	706.490	-.00	4.44	.3993	.0192	-.0783	.0005	-.0011	.0045	.3967	.05011	7.916	5.06913
.901	706.620	-.00	6.71	.5563	.0164	-.0869	.0003	-.0013	.0048	.5507	.08131	6.772	8.58209
.902	707.335	-.00	7.85	.6213	.0161	-.0862	.0006	-.0014	.0048	.6134	.10080	6.085	11.62181
.902	707.540	-.00	8.96	.6760	.0159	-.0820	-.0001	-.0015	.0050	.6654	.12106	5.497	14.10025
.904	708.910	-.00	10.06	.7262	.0164	-.0776	-.0000	-.0013	.0042	.7124	.14308	4.979	15.85233
.904	709.160	-.00	11.21	.7803	.0161	-.0866	.0004	-.0011	.0039	.7626	.16748	4.554	26.19310
.902	707.147	-.00	12.29	.8276	.0184	-.0928	-.0010	-.0010	.0047	.8050	.19422	4.145	0.00000
.905	710.334	-.00	13.45	.8848	.0208	-.1010	-.0003	-.0007	.0044	.8561	.22602	3.788	0.00000
.907	711.623	-.00	14.59	.9506	.0232	-.1097	.0009	-.0006	.0043	.9147	.26185	3.493	0.00000
.908	712.057	-.00	15.76	.9771	.0263	-.1044	.0044	-.0004	.0027	.9339	.29080	3.211	0.00000
.909	712.280	-.00	16.84	1.0204	.0306	-.1097	-.0015	.0008	.0005	.9686	.32492	2.981	0.00000
.906	709.145	-.00	17.86	1.0451	.0332	-.1166	-.0017	.0013	.0001	.9854	.35218	2.798	0.00000
.890	696.558	-.00	18.84	1.0372	.0346	-.1155	-.0012	.0011	.0001	.9714	.36766	2.642	0.00000

TEST 857												RUN 7	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.938	734.021	-.00	-1.18	-.0390	.0343	-.0421	.0006	-.0006	.0021	-.0383	.03508	-1.093	3.62081
.940	735.249	-.00	-.04	.0515	.0343	-.0551	.0008	-.0006	.0027	.0515	.03425	1.505	3.70005
.940	735.276	-.00	2.16	.2367	.0320	-.0772	.0009	-.0005	.0031	.2354	.04085	5.763	3.30825
.941	735.989	-.00	4.39	.4120	.0276	-.0985	.0005	-.0005	.0029	.4087	.05909	6.918	3.62301
.941	736.099	-.00	6.67	.5682	.0255	-.1049	.0007	-.0007	.0030	.5615	.09134	6.148	11.70765
.939	734.860	-.00	7.85	.6522	.0242	-.1092	.0011	-.0008	.0033	.6430	.11307	5.687	13.61161
.936	732.706	-.00	8.95	.7244	.0234	-.1112	.0012	-.0008	.0034	.7122	.13575	5.246	16.45543

TEST 857												RUN 8	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.599	415.304	-.00	-.80	-.0816	.0318	.0499	.0000	-.0001	.0034	-.0811	.03295	-2.462	0.00000
.600	416.539	-.00	.09	-.0274	.0311	.0480	.0002	-.0002	.0037	-.0275	.03104	-.885	0.00000
.600	417.281	-.00	2.08	.0964	.0271	.0432	.0001	-.0003	.0038	.0954	.03060	3.118	0.00000
.600	416.790	-.00	4.18	.2311	.0187	.0361	.0001	-.0003	.0034	.2291	.03549	6.457	0.00000
.598	414.656	-.00	6.34	.3697	.0085	.0282	-.0003	-.0004	.0034	.3665	.04927	7.439	0.00000
.599	415.397	-.00	8.51	.5111	.0004	.0228	-.0004	-.0005	.0039	.5055	.07597	6.654	0.00000
.599	415.878	-.00	10.72	.6427	-.0044	.0198	-.0007	-.0005	.0039	.6325	.11524	5.489	0.00000
.599	415.225	-.00	11.79	.7002	-.0052	.0198	-.0013	-.0003	.0040	.6868	.13798	4.977	0.00000
.599	415.344	-.00	12.92	.7368	-.0029	.0151	-.0014	-.0004	.0047	.7191	.16194	4.441	0.00000
.600	416.204	-.00	14.00	.7927	-.0022	.0090	-.0001	-.0005	.0042	.7700	.18961	4.061	0.00000
.599	415.843	-.00	15.17	.8536	-.0025	.0121	-.0006	-.0002	.0040	.8250	.22102	3.733	0.00000
.599	416.142	-.00	16.24	.8881	-.0013	.0200	-.0006	.0001	.0031	.8536	.24710	3.454	0.00000
.600	416.441	-.00	17.27	.9180	.0002	.0228	-.0010	.0002	.0032	.8771	.27276	3.216	0.00000
.600	416.569	-.00	18.31	.9433	.0028	.0204	-.0014	.0008	.0023	.8954	.29905	2.994	0.00000
.600	416.809	-.00	19.28	.9339	.0095	.0090	.0040	-.0024	.0048	.8790	.31733	2.770	0.00000
.601	417.606	-.00	20.25	.9254	.0153	-.0087	-.0016	.0013	.0021	.8636	.33470	2.580	0.00000
.600	416.258	-.00	21.26	.9555	.0166	-.0219	-.0016	.0013	.0023	.8852	.36188	2.446	0.00000
.600	416.407	-.00	22.27	.9919	.0164	-.0303	-.0004	.0004	.0028	.9126	.39108	2.334	0.00000
.599	415.982	-.00	23.27	1.0310	.0162	-.0390	-.0003	.0002	.0041	.9417	.42228	2.230	0.00000
.602	418.437	-.00	24.06	1.0587	.0152	-.0472	-.0003	.0002	.0036	.9616	.44548	2.159	0.00000

TABLE II.- TABULATED RESULTS - Continued

TEST 857 RUN 9

MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.696	517.482	-.00	-.84	-.0825	.0316	.0499	-.0000	-.0001	.0023	-.0821	.03279	-2.503	0.00000
.697	518.490	-.00	.05	-.0267	.0311	.0482	.0002	-.0001	.0028	-.0267	.03108	-.860	0.00000
.698	519.345	-.00	2.16	.1061	.0270	.0425	.0002	-.0003	.0030	.1051	.03093	3.397	0.00000
.696	517.949	-.00	4.27	.2468	.0187	.0346	-.0002	-.0003	.0027	.2447	.03703	6.608	0.00000
.696	517.923	-.00	6.47	.3909	.0096	.0268	-.0004	-.0003	.0024	.3874	.05359	7.229	0.00000
.696	517.917	-.00	8.71	.5398	.0028	.0212	-.0002	-.0006	.0030	.5333	.08454	6.308	0.00000
.697	518.321	-.00	10.93	.6654	.0009	.0193	-.0009	-.0003	.0031	.6534	.12713	5.139	0.00000
.697	518.866	-.00	12.00	.7050	.0014	.0196	-.0023	-.0003	.0045	.6895	.14802	4.658	0.00000
.698	519.514	-.00	13.14	.7469	.0037	.0129	-.0004	-.0005	.0039	.7268	.17340	4.191	0.00000
.698	519.762	-.00	14.22	.7990	.0040	.0102	.0005	-.0004	.0030	.7739	.20018	3.866	0.00000
.697	518.253	-.00	15.40	.8519	.0048	.0113	-.0003	-.0003	.0033	.8205	.23087	3.554	0.00000
.698	519.389	-.00	16.44	.8811	.0072	.0134	-.0006	.0001	.0023	.8436	.25624	3.292	0.00000
.698	519.275	-.00	17.48	.9035	.0095	.0124	-.0011	.0007	.0016	.8595	.28042	3.065	0.00000
.698	519.725	-.01	18.48	.9030	.0151	.0056	-.0083	.0052	-.0024	.8523	.30048	2.837	0.00000
.699	521.078	-.01	19.44	.8976	.0194	-.0093	-.0020	.0020	.0009	.8406	.31699	2.652	0.00000
.698	519.404	-.01	20.47	.9302	.0203	-.0221	-.0022	.0020	.0011	.8651	.34424	2.513	0.00000
.700	521.356	-.01	21.50	.9674	.0207	-.0342	-.0017	.0016	.0018	.8934	.37383	2.390	0.00000
.700	521.287	-.00	22.53	1.0109	.0205	-.0440	-.0010	.0010	.0022	.9269	.40624	2.282	0.00000
.699	520.644	-.00	23.52	1.0464	.0197	-.0525	-.0006	.0004	.0029	.9526	.43567	2.187	0.00000
.698	519.559	-.00	24.30	1.0756	.0189	-.0597	-.0005	.0006	.0026	.9736	.45994	2.117	0.00000

TEST 857 RUN 10

MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.796	615.739	-.00	-.84	-.0847	.0327	.0506	.0002	-.0000	.0024	-.0842	.03392	-2.482	0.00000
.795	615.453	-.00	.04	-.0270	.0320	.0483	.0002	-.0001	.0022	-.0270	.03198	-.845	0.00000
.797	616.730	-.00	2.18	.1161	.0280	.0413	.0001	-.0003	.0030	.1150	.03240	3.549	0.00000
.797	616.749	-.00	4.37	.2715	.0195	.0316	-.0002	-.0003	.0025	.2693	.04014	6.709	0.00000
.797	616.959	-.00	6.62	.4305	.0120	.0229	-.0002	-.0003	.0029	.4263	.06158	6.923	0.00000
.796	616.036	-.00	8.89	.5808	.0073	.0174	-.0002	-.0005	.0031	.5729	.09695	5.909	0.00000
.797	617.344	-.00	11.12	.6943	.0072	.0161	-.0014	-.0001	.0032	.6801	.14105	4.822	0.00000
.798	618.444	-.00	12.20	.7256	.0087	.0155	-.0014	-.0004	.0038	.7077	.16178	4.374	0.00000
.797	617.540	-.00	13.35	.7780	.0112	.0084	-.0003	-.0006	.0035	.7547	.19053	3.961	0.00000
.799	618.829	-.00	14.44	.8204	.0127	.0051	-.0009	-.0003	.0032	.7917	.21681	3.652	0.00000
.799	619.321	-.00	15.59	.8605	.0156	.0014	-.0007	-.0001	.0024	.8251	.24624	3.351	0.00000
.798	618.114	-.00	16.62	.8825	.0176	-.0020	-.0006	.0002	.0018	.8412	.26923	3.125	0.00000
.800	619.966	-.00	17.62	.8903	.0222	-.0073	-.0058	-.0025	.0037	.8424	.29072	2.898	0.00000
.799	619.397	-.01	18.62	.8935	.0256	-.0169	-.0020	.0015	.0009	.8392	.30952	2.711	0.00000
.799	619.357	-.01	19.65	.9276	.0264	-.0313	-.0019	.0017	.0010	.8654	.33687	2.569	0.00000
.800	619.837	-.01	20.69	.9691	.0268	-.0444	-.0021	.0020	.0009	.8979	.36745	2.444	0.00000
.801	620.754	-.01	21.75	1.0189	.0273	-.0579	-.0017	.0016	.0016	.9372	.40287	2.326	0.00000
.802	621.877	-.01	22.77	1.0654	.0271	-.0677	-.0012	.0011	.0012	.9729	.43726	2.225	0.00000
.802	621.194	-.01	23.80	1.1088	.0261	-.0763	-.0008	.0007	.0023	1.0051	.47142	2.132	0.00000
.800	619.944	-.01	24.51	1.1365	.0252	-.0824	-.0009	.0009	.0022	1.0249	.49445	2.073	0.00000

TEST 857 RUN 11

MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.903	707.569	-.00	-.82	-.0768	.0350	.0502	.0002	-.0001	.0019	-.0763	.03609	-2.115	0.00000
.901	706.086	-.00	.05	-.0168	.0345	.0466	.0004	-.0001	.0023	-.0168	.03447	-.487	0.00000
.899	704.901	-.00	2.27	.1518	.0297	.0351	.0004	-.0002	.0025	.1505	.03572	4.215	0.00000
.902	707.268	-.00	4.51	.3392	.0243	.0111	.0005	-.0001	.0027	.3363	.05092	6.604	0.00000
.902	707.231	-.00	6.80	.4951	.0210	.0021	.0007	-.0002	.0024	.4892	.07947	6.157	0.00000
.906	710.301	-.00	7.93	.5585	.0220	-.0003	.0010	-.0003	.0026	.5602	.10020	5.590	0.00000
.905	709.316	-.00	9.05	.6180	.0203	.0076	.0004	-.0003	.0024	.6073	.11722	5.181	0.00000
.903	708.228	-.00	10.14	.6643	.0199	.0142	.0011	-.0004	.0026	.6507	.13650	4.767	0.00000
.905	709.288	-.01	11.30	.7236	.0206	.0050	.0048	.0002	.0036	.7058	.16195	4.358	0.00000
.904	708.637	-.01	12.37	.7618	.0223	.0013	.0035	.0006	.0040	.7397	.18492	4.000	0.00000
.905	709.938	-.01	13.55	.8177	.0248	-.0093	.0047	.0001	.0040	.7895	.21564	3.661	0.00000
.910	713.217	-.00	14.68	.8974	.0265	-.0264	.0008	-.0002	.0032	.8619	.25314	3.405	0.00000
.907	711.373	-.00	15.83	.9223	.0296	-.0211	.0053	-.0008	.0031	.8799	.28007	3.142	0.00000
.909	712.524	-.00	16.89	.9580	.0330	-.0296	-.0007	.0008	.0007	.9078	.30986	2.930	0.00000
.912	715.094	-.00	18.03	1.0439	.0352	-.0530	-.0000	.0008	.0006	.9827	.35651	2.756	0.00000
.902	707.176	-.00	18.99	1.0373	.0357	-.0619	-.0008	.0016	-.0000	.9702	.37128	2.613	0.00000

TEST 857 RUN 12

MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.940	735.886	-.00	-.90	-.0814	.0396	.0490	.0002	-.0002	.0021	-.0808	.04084	-1.979	0.00000
.940	735.760	-.00	.04	-.0070	.0389	.0388	.0004	-.0002	.0024	-.0070	.03894	-.180	0.00000
.940	736.254	-.00	2.27	.1781	.0359	.0154	.0003	-.0001	.0025	.1766	.04299	4.108	0.00000
.940	736.355	-.00	4.50	.3538	.0317	-.0090	.0005	-.0001	.0025	.3503	.05939	5.898	0.00000
.941	736.785	-.00	6.81	.5104	.0293	-.0163	.0006	-.0003	.0025	.5035	.08960	5.619	0.00000
.940	736.416	-.00	7.93	.5874	.0280	-.0208	.0013	-.0002	.0023	.5781	.10879	5.313	0.00000
.939	735.410	-.00	9.09	.6645	.0270	-.0231	.0011	-.0001	.0021	.6521	.13164	4.954	0.00000

TABLE II.- TABULATED RESULTS - Continued

TEST 857												RUN 13	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.905	715.712	-.00	-.99	-.1394	.0534	.1373	.0005	-.0003	.0016	-.1384	.05582	-2.480	0.00000
.907	717.652	-.00	.01	-.0664	.0521	.1300	.0005	-.0009	.0028	-.0664	.05212	-1.274	0.00000
.904	715.054	-.00	2.21	.0988	.0468	.1152	.0003	-.0011	.0033	.0970	.05057	1.917	0.00000
.907	717.129	-.00	4.49	.2859	.0411	.0952	.0007	-.0009	.0028	.2818	.06338	4.447	0.00000
.904	715.162	-.00	6.75	.4383	.0378	.0878	.0007	-.0009	.0023	.4309	.08910	4.836	0.00000
.905	716.016	-.00	7.87	.5023	.0373	.0884	.0010	-.0009	.0022	.4926	.10577	4.657	0.00000
.905	716.336	-.00	9.01	.5615	.0377	.0927	.0002	-.0009	.0021	.5488	.12520	4.384	0.00000
.907	717.595	-.00	10.10	.6066	.0377	.0983	.0006	-.0008	.0021	.5908	.14347	4.118	0.00000
.905	716.065	-.01	11.25	.6644	.0361	.0901	.0051	.0001	.0025	.6449	.16499	3.909	0.00000
.909	719.226	-.01	12.34	.7113	.0379	.0799	.0039	.0010	.0022	.6871	.18898	3.636	0.00000
.908	718.703	-.01	13.50	.7559	.0386	.0706	.0061	.0007	.0020	.7264	.21400	3.394	0.00000
.908	718.160	-.00	14.59	.8164	.0400	.0593	.0068	-.0000	.0021	.7805	.24439	3.194	0.00000
.910	720.115	-.00	15.77	.8708	.0417	.0475	.0052	-.0008	.0022	.8273	.27691	2.987	0.00000
.906	716.880	.00	16.85	.9099	.0422	.0341	.0046	-.0020	.0028	.8592	.30421	2.824	0.00000
.911	721.005	-.00	17.94	.9764	.0450	.0140	-.0007	.0010	-.0005	.9158	.34351	2.666	0.00000
.905	716.009	-.01	18.96	.9989	.0441	-.0047	-.0009	.0016	-.0006	.9312	.36638	2.542	0.00000

TEST 857												RUN 14	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.798	623.117	-.00	-1.09	-.1404	.0491	.1221	.0001	-.0006	.0025	-.1394	.05179	-2.692	0.00000
.798	623.014	-.00	-.02	-.0719	.0483	.1189	.0004	-.0006	.0026	-.0719	.04837	-1.486	0.00000
.798	622.652	-.00	2.09	.0651	.0439	.1141	.0002	-.0007	.0025	.0634	.04626	1.371	0.00000
.798	622.545	-.00	4.29	.2236	.0356	.1105	.0003	-.0008	.0028	.2203	.05219	4.221	0.00000
.798	623.168	-.00	6.54	.3782	.0276	.1053	-.0000	-.0009	.0029	.3727	.07049	5.286	0.00000
.798	623.227	-.00	8.80	.5272	.0230	.0997	-.0002	-.0010	.0027	.5176	.10339	5.007	0.00000
.797	622.012	-.00	11.06	.6358	.0221	.0974	-.0020	-.0003	.0026	.6200	.14358	4.318	0.00000
.799	623.745	-.00	12.13	.6699	.0231	.0964	-.0018	-.0003	.0024	.6503	.16338	3.980	0.00000
.801	625.421	-.00	13.30	.7260	.0258	.0862	-.0002	-.0005	.0015	.7009	.19209	3.649	0.00000
.800	625.264	-.00	14.34	.7680	.0260	.0796	-.0006	-.0003	.0018	.7380	.21538	3.426	0.00000
.798	622.637	-.00	15.51	.8054	.0268	.0718	-.0006	.0000	.0011	.7693	.24124	3.189	0.00000
.802	626.478	-.00	16.57	.8398	.0291	.0597	-.0006	.0002	.0009	.7971	.26740	2.981	0.00000
.801	625.609	.00	17.56	.8489	.0311	.0503	-.0043	-.0019	.0029	.8005	.28581	2.801	0.00000
.801	625.652	-.01	18.58	.8528	.0332	.0365	-.0023	.0021	-.0008	.7984	.30315	2.634	0.00000
.801	625.498	-.01	19.60	.8925	.0332	.0185	-.0020	.0021	-.0005	.8303	.33068	2.511	0.00000
.802	626.766	-.01	20.62	.9325	.0324	.0040	-.0022	.0021	-.0007	.8622	.35865	2.404	0.00000
.801	625.621	-.01	21.68	.9763	.0316	-.0087	-.0020	.0018	.0002	.8965	.38994	2.299	0.00000
.803	627.366	-.01	22.69	1.0206	.0307	-.0178	-.0013	.0014	.0011	.9307	.42208	2.205	0.00000
.804	628.128	-.01	23.73	1.0620	.0296	-.0255	-.0010	.0010	.0019	.9614	.45451	2.115	0.00000
.802	626.085	-.01	24.61	1.0998	.0284	-.0327	-.0015	.0014	.0016	.9893	.48379	2.045	0.00000

TEST 857												RUN 15	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.699	524.569	-.00	-1.03	-.1397	.0479	.1218	-.0000	-.0006	.0023	-.1389	.05038	-2.757	0.00000
.698	523.775	-.00	-.01	-.0770	.0470	.1194	-.0001	-.0006	.0023	-.0770	.04697	-1.640	0.00000
.698	523.689	-.00	2.07	.0533	.0428	.1155	.0001	-.0007	.0024	.0517	.04472	1.157	0.00000
.698	523.924	-.00	4.19	.1923	.0342	.1111	-.0001	-.0008	.0023	.1893	.04819	3.928	0.00000
.699	524.837	-.00	6.41	.3402	.0249	.1075	-.0003	-.0008	.0026	.3354	.06270	5.348	0.00000
.699	524.506	-.00	8.61	.4804	.0178	.1018	-.0002	-.0010	.0025	.4725	.08949	5.280	0.00000
.698	523.715	-.00	9.94	.5658	.0161	.1026	-.0007	-.0010	.0026	.5547	.11358	4.884	0.00000
.700	525.749	-.00	11.92	.6464	.0154	.1012	-.0017	-.0006	.0026	.6295	.14857	4.237	0.00000
.698	524.359	-.00	13.05	.6893	.0171	.0913	-.0005	-.0006	.0020	.6679	.17235	3.875	0.00000
.699	525.008	-.00	14.14	.7466	.0169	.0853	.0005	-.0006	.0016	.7202	.19884	3.622	0.00000
.699	525.059	-.00	15.34	.8003	.0173	.0852	-.0002	-.0001	.0011	.7677	.22836	3.362	0.00000
.699	525.082	-.00	16.38	.8261	.0185	.0830	-.0003	.0004	.0004	.7879	.25070	3.143	0.00000
.699	525.288	-.00	17.42	.8556	.0208	.0766	-.0010	.0011	-.0008	.8107	.27602	2.937	0.00000
.700	525.702	-.00	18.42	.8577	.0243	.0642	-.0047	-.0026	.0027	.8067	.29402	2.744	0.00000
.702	527.516	-.00	19.37	.8553	.0273	.0453	-.0022	.0022	-.0013	.7984	.30948	2.580	0.00000
.702	527.726	-.01	20.40	.8912	.0270	.0292	-.0024	.0024	-.0008	.8266	.33591	2.461	0.00000
.701	526.524	-.01	21.40	.9276	.0262	.0180	-.0022	.0022	-.0004	.8548	.36285	2.356	0.00000
.701	526.825	-.00	22.44	.9651	.0250	.0097	-.0013	.0014	.0007	.8834	.39144	2.257	0.00000
.701	527.031	-.00	23.42	.9969	.0240	.0024	-.0009	.0008	.0016	.9062	.41827	2.167	0.00000
.701	526.817	-.01	24.16	1.0285	.0232	-.0042	-.0011	.0010	.0020	.9300	.44216	2.103	0.00000

TEST 857												RUN 16	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.599	418.747	-.00	-.91	-.1321	.0472	.1219	.0000	-.0006	.0021	-.1314	.04931	-2.664	0.00000
.599	419.320	-.00	.01	-.0764	.0466	.1206	.0001	-.0006	.0021	-.0764	.04659	-1.640	0.00000
.600	420.221	-.00	2.05	.0468	.0422	.1166	.0003	-.0006	.0023	.0452	.04383	1.032	0.00000
.597	417.073	-.00	4.12	.1758	.0339	.1134	.0002	-.0007	.0022	.1729	.04647	3.721	0.00000
.599	418.914	-.00	6.27	.3120	.0235	.1084	-.0004	-.0008	.0017	.3076	.05739	5.359	0.00000
.599	419.651	-.00	8.45	.4538	.0147	.1029	-.0002	-.0010	.0027	.4468	.08123	5.500	0.00000
.599	419.378	-.00	10.69	.5857	.0093	.1021	-.0009	-.0011	.0028	.5740	.11777	4.874	0.00000
.598	418.307	-.00	11.76	.6403	.0089	.1013	-.0003	-.0008	.0013	.6252	.13922	4.491	0.00000
.599	419.404	-.00	12.89	.6864	.0082	.0978	-.0024	-.0000	.0021	.6675	.16113	4.143	0.00000
.598	418.351	-.00	13.96	.7390	.0081	.0918	-.0011	.0001	.0017	.7156	.18611	3.845	0.00000
.600	419.901	-.00	15.12	.7876	.0094	.0867	.0008	-.0008	.0018	.7582	.21456	3.534	0.00000
.601	421.023	-.00	16.19	.8280	.0101	.0932	-.0002	.0002	.0010	.7929	.24054	3.296	0.00000
.599	419.571	-.00	17.22	.8590	.0114	.0934	-.0009	.0005	.0007	.8177	.26519	3.083	0.00000
.599	419.707	-.00	18.25	.8861	.0132	.0875	-.0012	.0007	-.0001	.8380	.29011	2.889	0.00000
.601	421.337	-.00	19.22	.8846	.0183	.0721	.0042	.0027	.0031	.8299	.30852	2.690	0.00000
.600	420.699	-.00	20.20	.8763	.0222	.0498	-.0021	.0020	-.0004	.8153	.32343	2.521	0.00000
.600	420.340	-.00	21.20	.9059	.0229	.0348	-.0021	.0020	.0003	.8370	.34901	2.398	0.00000
.601	420.822	-.00	22.23	.9454	.0222	.0260	-.0011	.0010	.0018	.8676	.37814	2.294	0.00000
.602	422.126	-.00	23.22	.9759	.0207	.0180	-.0007	.0005	.0019	.8895	.40388	2.203	0.00000
.601	421.487	-.00	23.96	1.0009	.0195	.0115	-.0011	.0009	.0021	.9077	.42426	2.140	0.00000

TABLE II.- TABULATED RESULTS - Continued

TEST 857 RUN 17												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D WSG
.905 715.045	-0.00	-0.91	-0.0235	.0387	-0.0369	.0015	.0000	.0018	-0.0229	.03903	-0.586	0.00000
.905 715.321	-0.00	-0.03	.0328	.0380	-0.0386	.0014	.0000	.0016	.0328	.03801	.864	0.00000
.908 717.496	-0.00	2.23	.1958	.0332	-0.0477	.0009	-0.0002	.0025	.1944	.04077	4.769	0.00000
.902 712.783	-0.00	4.47	.3716	.0241	-0.0595	.0012	-0.0004	.0027	.3687	.05299	6.958	0.00000
.903 713.995	-0.00	6.79	.5541	.0161	-0.0785	.0006	-0.0008	.0035	.5484	.08142	6.736	0.00000
.902 712.917	-0.00	7.93	.6318	.0097	-0.0800	.0010	-0.0009	.0038	.6246	.09680	6.452	0.00000
.903 713.305	-0.00	9.08	.7078	.0044	-0.0809	.0004	-0.0010	.0042	.6984	.11608	6.017	0.00000
.905 714.809	-0.00	10.24	.7838	.0007	-0.0820	-0.0003	-0.0009	.0036	.7715	.13999	5.511	0.00000
.903 713.158	-0.00	11.40	.8455	-0.0043	-0.0764	-0.0009	-0.0006	.0027	.8301	.16287	5.096	0.00000
.906 716.039	-0.00	12.53	.9114	-0.0052	-0.0769	.0000	-0.0008	.0031	.8912	.19270	4.625	0.00000
.906 716.139	-0.00	13.74	.9722	-0.0059	-0.0767	.0004	-0.0003	.0024	.9463	.22521	4.202	0.00000
.906 715.940	-0.00	14.78	.9795	-0.0075	-0.0638	.0007	-0.0003	.0013	.9496	.24257	3.915	0.00000
.909 718.436	-0.00	15.96	1.0328	-0.0051	-0.0712	.0000	-0.0002	.0014	.9951	.27919	3.564	0.00000
.910 718.909	-0.00	17.05	1.0716	-0.0052	-0.0752	.0004	-0.0003	.0017	1.0268	.30929	3.320	0.00000
.911 719.993	-0.00	18.15	1.1460	-0.0025	-0.0935	.0000	-0.0004	.0019	1.0906	.35471	3.075	0.00000
.905 714.530	-0.00	19.21	1.1725	-0.0026	-0.0932	-0.0006	-0.0008	.0026	1.1091	.38336	2.893	0.00000

TEST 857 RUN 18												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D WSG
.599 418.277	-0.00	-0.87	-0.0298	.0355	-0.0345	.0012	-0.0003	.0029	-0.0292	.03599	-0.812	0.00000
.599 418.520	-0.00	.03	.0219	.0350	-0.0373	.0011	-0.0004	.0030	.0219	.03503	.625	0.00000
.599 418.262	-0.00	2.05	.1385	.0301	-0.0385	.0008	-0.0003	.0026	.1373	.03502	3.922	0.00000
.598 417.676	-0.00	4.15	.2761	.0207	-0.0386	.0011	-0.0004	.0033	.2739	.04061	6.744	0.00000
.599 418.183	-0.00	6.32	.4076	.0081	-0.0376	.0009	-0.0007	.0032	.4042	.05294	7.636	0.00000
.598 417.630	-0.00	8.51	.5472	-0.0085	-0.0390	.0010	-0.0007	.0034	.5425	.07265	7.468	0.00000
.598 417.859	-0.00	10.72	.6968	-0.0266	-0.0436	.0014	-0.0008	.0041	.6897	.10344	6.668	0.00000
.599 418.406	-0.00	11.81	.7677	-0.0351	-0.0441	.0016	-0.0009	.0046	.7589	.12280	6.180	0.00000
.598 417.651	-0.00	13.01	.8337	-0.0428	-0.0403	.0009	-0.0009	.0042	.8222	.14598	5.632	0.00000
.599 418.150	-0.00	14.06	.8930	-0.0477	-0.0387	.0012	-0.0008	.0042	.8782	.17659	5.144	0.00000
.599 418.693	-0.00	15.26	.9610	-0.0511	-0.0383	.0019	-0.0008	.0037	.9410	.20368	4.620	0.00000
.599 418.657	-0.00	16.33	1.0117	-0.0525	-0.0320	.0004	-0.0011	.0037	.9862	.23412	4.212	0.00000
.599 418.054	-0.00	17.42	1.0672	-0.0540	-0.0289	.0002	-0.0010	.0037	1.0351	.26802	3.852	0.00000
.598 417.876	-0.00	18.49	1.0998	-0.0534	-0.0256	.0014	-0.0014	.0033	1.0607	.29815	3.558	0.00000
.599 418.038	-0.00	19.41	1.0776	-0.0441	-0.0377	-0.0015	-0.0023	.0042	1.0318	.31651	3.260	0.00000
.599 418.204	-0.00	20.43	1.1160	-0.0418	-0.0437	-0.0005	-0.0017	.0040	1.0613	.35033	3.029	0.00000
.600 419.792	-0.00	21.46	1.1518	-0.0399	-0.0503	-0.0003	-0.0016	.0044	1.0876	.38426	2.830	0.00000
.600 419.476	-0.00	22.46	1.1884	-0.0377	-0.0590	-0.0004	-0.0017	.0045	1.1137	.41925	2.656	0.00000
.600 419.147	-0.00	23.43	1.2041	-0.0344	-0.0691	.0006	-0.0026	.0049	1.1197	.44724	2.504	0.00000
.600 419.459	-0.00	24.19	1.2305	-0.0332	-0.0771	.0002	-0.0027	.0056	1.1374	.47390	2.400	0.00000

TEST 857 RUN 19												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D WSG
.904 713.712	-0.00	-0.95	-0.0250	.0372	-0.0407	.0014	.0001	.0012	-0.0244	.03761	-0.648	0.00000
.904 715.667	-0.00	.01	.0442	.0365	-0.0448	.0013	.0001	.0011	.0442	.03650	1.212	0.00000
.906 715.077	-0.00	2.22	.2097	.0316	-0.0548	.0009	-0.0001	.0019	.2083	.03970	5.248	0.00000
.905 714.512	-0.00	4.47	.3923	.0231	-0.0730	.0011	-0.0005	.0024	.3893	.05359	7.265	0.00000
.906 715.519	-0.00	6.78	.5640	.0155	-0.0900	.0004	-0.0006	.0026	.5583	.08192	6.916	0.00000
.904 713.470	-0.00	7.89	.6417	.0104	-0.0921	.0009	-0.0007	.0032	.6344	.09837	6.449	0.00000
.905 714.438	-0.00	9.07	.7180	.0058	-0.0922	.0003	-0.0010	.0036	.7083	.11887	5.959	0.00000
.903 713.058	-0.00	10.21	.7908	.0017	-0.0881	-0.0006	-0.0011	.0037	.7783	.14177	5.490	0.00000
.907 715.729	-0.00	11.42	.8585	-0.0001	-0.0862	-0.0016	-0.0010	.0029	.8419	.16981	4.958	0.00000
.910 718.404	-0.00	12.53	.9275	.0017	-0.0907	-0.0013	-0.0013	.0036	.9055	.20285	4.464	0.00000
.907 716.338	-0.00	13.65	.9444	-0.0007	-0.0751	-0.0016	-0.0008	.0024	.9184	.22226	4.132	0.00000
.912 719.848	-0.00	14.77	.9975	.0010	-0.0821	-0.0015	-0.0003	.0018	.9649	.25533	3.779	0.00000
.908 716.478	-0.00	15.97	1.0523	.0014	-0.0878	-0.0008	-0.0002	.0012	1.0120	.29099	3.478	0.00000
.911 719.233	-0.00	17.03	1.0776	.0014	-0.0887	-0.0002	-0.0004	.0017	1.0308	.31686	3.253	0.00000
.907 715.464	-0.00	18.09	1.1206	.0022	-0.0916	.0005	-0.0008	.0025	1.0654	.35009	3.043	0.00000
.904 712.876	-0.00	19.13	1.1497	.0037	-0.0951	.0004	-0.0011	.0035	1.0860	.38034	2.855	0.00000

TEST 857 RUN 20												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D WSG
.599 417.727	-0.00	-0.94	-0.0303	.0331	-0.0367	.0011	-0.0006	.0028	-0.0297	.03359	-0.885	0.00000
.599 418.548	-0.00	.05	.0293	.0322	-0.0385	.0011	-0.0005	.0025	.0293	.03224	.907	0.00000
.599 418.129	-0.00	2.05	.1466	.0277	-0.0412	.0008	-0.0005	.0024	.1456	.03290	4.424	0.00000
.599 418.452	-0.00	4.13	.2800	.0186	-0.0438	.0007	-0.0008	.0034	.2779	.03868	7.184	0.00000
.599 417.884	-0.00	6.30	.4158	.0060	-0.0458	.0009	-0.0008	.0033	.4127	.05152	8.010	0.00000
.599 418.576	-0.00	8.49	.5560	-0.0105	-0.0489	.0007	-0.0011	.0037	.5515	.07170	7.692	0.00000
.598 417.581	-0.00	10.70	.7001	-0.0257	-0.0500	.0005	-0.0014	.0055	.6929	.10467	6.620	0.00000
.599 417.893	-0.00	11.80	.7660	-0.0320	-0.0498	.0011	-0.0013	.0055	.7566	.12533	6.037	0.00000
.599 418.307	-0.00	12.95	.8295	-0.0375	-0.0473	.0002	-0.0013	.0054	.8171	.14935	5.471	0.00000
.600 419.658	-0.00	14.05	.8913	-0.0399	-0.0446	.0004	-0.0012	.0048	.8747	.17771	4.922	0.00000
.600 418.791	-0.00	15.23	.9508	-0.0421	-0.0406	.0009	-0.0015	.0052	.9289	.20911	4.442	0.00000
.600 418.846	-0.00	16.31	1.0007	-0.0427	-0.0383	.0005	-0.0020	.0047	.9730	.24002	4.054	0.00000
.600 418.915	-0.00	17.31	1.0254	-0.0415	-0.0369	.0018	-0.0016	.0038	.9919	.26552	3.736	0.00000
.600 418.717	-0.00	18.35	1.0302	-0.0370	-0.0384	-0.0017	-0.0029	.0036	.9901	.28911	3.425	0.00000
.600 418.964	-0.00	19.35	1.0586	-0.0336	-0.0461	-0.0025	-0.0020	.0030	1.0107	.31911	3.167	0.00000
.600 419.135	-0.00	20.36	1.0836	-0.0290	-0.0563	-0.0022	-0.0014	.0035	1.0268	.34984	2.935	0.00000
.600 419.391	-0.00	21.35	1.1037	-0.0247	-0.0652	-0.0005	-0.0023	.0040	1.0379	.37894	2.739	0.00000
.599 418.570	-0.00	22.40	1.1360	-0.0227	-0.0720	-0.0008	-0.0017	.0040	1.0600	.41181	2.574	0.00000
.601 419.646	-0.00	23.34	1.1639	-0.0213	-0.0798	-0.0008	-0.0012	.0041	1.0783	.44153	2.442	0.00000
.600 418.968	-0.00	24.18	1.1982	-0.0206	-0.0864	-0.0008	-0.0013	.0044	1.1029	.47188	2.337	0.00000

TABLE II.- TABULATED RESULTS - Continued

TEST 857												RUN 21	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.903	712.058	-0.00	-1.01	-.0306	.0405	-.0445	.0015	.0001	.0013	-.0299	.04100	-.729	0.00000
.905	713.296	-0.00	-0.01	.0392	.0390	-.0458	.0013	.0001	.0012	.0392	.03897	1.005	0.00000
.905	713.535	-0.00	2.19	.1965	.0335	-.0504	.0014	-.0001	.0021	.1951	.04095	4.764	0.00000
.905	713.815	-0.00	4.45	.3733	.0251	-.0635	.0008	-.0006	.0028	.3703	.05397	6.862	0.00000
.905	713.470	-0.00	6.75	.5506	.0163	-.0799	.0005	-.0007	.0036	.5450	.08095	6.732	0.00000
.905	713.502	-0.00	7.89	.6324	.0111	-.0844	.0012	-.0007	.0039	.6250	.09773	6.395	0.00000
.905	713.865	-0.00	9.06	.7048	.0046	-.0824	.0006	-.0008	.0042	.6954	.11555	6.019	0.00000
.906	714.245	-0.00	10.18	.7767	-.0004	-.0811	-.0000	-.0010	.0046	.7648	.13693	5.585	0.00000
.907	715.229	-0.00	11.39	.8527	-.0039	-.0806	-.0001	-.0007	.0034	.8370	.16459	5.085	0.00000
.907	714.932	-0.00	12.49	.9048	-.0085	-.0734	-.0005	-.0012	.0040	.8856	.18744	4.725	0.00000
.905	713.962	-0.00	13.67	.9465	-.0098	-.0633	-.0016	-.0010	.0029	.9225	.21415	4.308	0.00000
.912	719.023	-0.00	14.77	.9922	-.0098	-.0649	-.0026	-.0007	.0026	.9625	.24356	3.952	0.00000
.909	716.406	-0.00	15.96	1.0432	-.0106	-.0690	-.0000	-.0003	.0012	1.0066	.27663	3.639	0.00000
.907	714.677	-0.00	17.02	1.0811	-.0111	-.0677	-.0003	-.0003	.0018	1.0377	.30589	3.392	0.00000
.899	708.600	-0.00	18.06	1.1110	-.0133	-.0670	-.0003	-.0005	.0019	1.0612	.33176	3.199	0.00000
TEST 857												RUN 22	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.601	419.696	-0.00	-.97	-.0372	.0369	-.0411	.0011	-.0004	.0028	-.0365	.03755	-.973	0.00000
.600	418.530	-0.00	-.00	.0222	.0359	-.0412	.0010	-.0003	.0028	.0222	.03588	.618	0.00000
.601	419.763	-0.00	2.03	.1389	.0313	-.0411	.0011	-.0003	.0028	.1377	.03620	3.804	0.00000
.601	420.414	-0.00	4.14	.2725	.0213	-.0411	.0007	-.0006	.0036	.2703	.04095	6.601	0.00000
.600	418.434	-0.00	6.27	.4035	.0086	-.0398	.0007	-.0008	.0041	.4002	.05268	7.598	0.00000
.599	417.549	-0.00	8.46	.5426	-.0084	-.0399	.0006	-.0009	.0040	.5380	.07153	7.522	0.00000
.600	418.357	-0.00	10.70	.6862	-.0269	-.0429	.0009	-.0010	.0049	.6794	.10093	6.732	0.00000
.598	416.996	-0.00	11.79	.7652	-.0361	-.0442	.0012	-.0009	.0051	.7567	.12106	6.251	0.00000
.599	417.903	-0.00	12.96	.8355	-.0450	-.0421	.0005	-.0010	.0051	.8246	.14360	5.742	0.00000
.599	417.294	-0.00	14.06	.9014	-.0534	-.0398	.0005	-.0010	.0045	.8877	.16721	5.309	0.00000
.599	417.411	-0.00	15.24	.9631	-.0575	-.0360	.0004	-.0011	.0043	.9448	.19759	4.782	0.00000
.599	417.283	-0.00	16.31	1.0132	-.0602	-.0317	.0002	-.0011	.0035	.9899	.22678	4.365	0.00000
.599	417.415	-0.00	17.36	1.0605	-.0620	-.0267	-.0002	-.0012	.0033	1.0313	.25730	4.008	0.00000
.598	416.899	-0.00	18.44	1.1074	-.0628	-.0254	-.0011	-.0012	.0035	1.0712	.29068	3.685	0.00000
.599	417.726	-0.00	19.46	1.1431	-.0616	-.0253	-.0006	-.0014	.0032	1.0992	.32269	3.406	0.00000
.600	418.634	-0.00	20.46	1.1559	-.0582	-.0311	.0006	-.0032	.0037	1.1042	.34963	3.158	0.00000
.600	418.715	-0.00	21.46	1.1653	-.0547	-.0391	.0019	-.0037	.0052	1.1055	.37542	2.945	0.00000
.601	419.391	-0.00	22.45	1.1884	-.0514	-.0460	-.0007	-.0013	.0036	1.1191	.40634	2.754	0.00000
.599	417.256	-0.00	23.46	1.2317	-.0496	-.0519	-.0000	-.0014	.0039	1.1509	.44492	2.587	0.00000
.599	417.984	-0.00	24.22	1.2502	-.0476	-.0575	-.0006	-.0004	.0035	1.1610	.46951	2.473	0.00000
TEST 857												RUN 23	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.905	709.980	-0.00	-.93	-.0249	.0384	-.0453	.0015	.0000	.0015	-.0243	.03877	-.627	0.00000
.907	711.812	-0.00	.00	.0432	.0369	-.0491	.0013	-.0000	.0021	.0432	.03692	1.171	0.00000
.904	709.287	-0.00	2.24	.2104	.0311	-.0557	.0013	-.0002	.0029	.2090	.03929	5.319	0.00000
.905	710.283	-0.00	4.49	.3914	.0235	-.0762	.0015	-.0005	.0033	.3884	.05407	7.184	0.00000
.904	709.836	-0.00	6.79	.5606	.0155	-.0909	.0007	-.0007	.0040	.5550	.08176	6.787	0.00000
.907	711.494	-0.00	7.94	.6348	.0114	-.0947	.0013	-.0008	.0046	.6273	.09895	6.340	0.00000
.905	710.357	-0.00	9.06	.7071	.0060	-.0898	.0004	-.0009	.0050	.6976	.11729	5.947	0.00000
.906	710.775	-0.00	10.21	.7755	.0022	-.0860	-.0000	-.0009	.0049	.7631	.13956	5.468	0.00000
.904	709.347	-0.00	11.39	.8385	-.0009	-.0806	-.0011	-.0008	.0042	.8225	.16466	4.995	0.00000
.905	710.654	-0.00	12.48	.8898	-.0011	-.0785	-.0000	-.0010	.0043	.8694	.19110	4.550	0.00000
.906	710.757	-0.00	13.66	.9341	-.0026	-.0724	-.0004	-.0008	.0037	.9088	.21811	4.167	0.00000
.905	710.270	-0.00	14.73	.9766	-.0023	-.0720	-.0004	-.0003	.0027	.9456	.24614	3.842	0.00000
.906	710.709	-0.00	15.94	1.0374	-.0018	-.0793	-.0007	-.0001	.0023	.9987	.28315	3.527	0.00000
.917	719.474	-0.00	17.09	1.1157	.0014	-.1029	-.0005	-.0001	.0027	1.0669	.32920	3.241	0.00000
.909	713.460	-0.00	18.14	1.1577	.0008	-.1062	-.0000	-.0002	.0031	1.1008	.36117	3.048	0.00000
.905	710.288	-0.00	19.19	1.1682	-.0001	-.0978	-.0011	-.0002	.0035	1.1044	.38391	2.877	0.00000
TEST 857												RUN 24	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.600	416.201	-0.00	-.87	-.0284	.0338	-.0406	.0010	-.0006	.0037	-.0279	.03422	-.815	0.00000
.599	415.530	-0.00	.01	.0240	.0327	-.0414	.0010	-.0004	.0030	.0240	.03273	.734	0.00000
.601	417.754	-0.00	2.06	.1451	.0279	-.0426	.0011	-.0004	.0033	.1440	.03306	4.356	0.00000
.600	416.260	-0.00	4.17	.2806	.0184	-.0451	.0007	-.0006	.0033	.2785	.03875	7.189	0.00000
.599	415.771	-0.00	6.31	.4119	.0057	-.0468	.0005	-.0007	.0038	.4088	.05095	8.023	0.00000
.598	414.807	-0.00	8.48	.5529	-.0109	-.0493	.0004	-.0011	.0052	.5485	.07073	7.756	0.00000
.600	415.966	-0.00	10.72	.6738	-.0260	-.0488	-.0005	-.0013	.0062	.6867	.10346	6.637	0.00000
.600	416.607	-0.00	11.81	.7609	-.0323	-.0486	-.0001	-.0012	.0059	.7516	.12414	6.054	0.00000
.599	414.944	-0.00	12.95	.8253	-.0388	-.0466	-.0005	-.0013	.0065	.8133	.14710	5.529	0.00000
.598	414.122	-0.00	14.06	.8887	-.0440	-.0458	-.0003	-.0012	.0061	.8731	.17319	5.042	0.00000
.599	415.573	-0.00	15.23	.9241	-.0470	-.0447	.0009	-.0013	.0067	.9334	.20524	4.548	0.00000
.599	415.820	-0.00	16.32	1.0045	-.0485	-.0377	.0007	-.0013	.0066	.9782	.23571	4.150	0.00000
.599	415.681	-0.00	17.36	1.0534	-.0482	-.0330	-.0003	-.0016	.0056	1.0205	.26836	3.803	0.00000
.600	416.743	-0.00	18.38	1.0586	-.0449	-.0336	.0020	-.0040	.0050	1.0195	.29119	3.501	0.00000
.600	415.897	-0.00	19.37	1.0621	-.0408	-.0389	-.0013	-.0020	.0044	1.0163	.31383	3.238	0.00000
.601	416.983	-0.00	20.38	1.0973	-.0373	-.0471	-.0010	-.0011	.0043	1.0425	.34722	3.002	0.00000
.601	417.492	-0.00	21.40	1.1170	-.0331	-.0554	-.0011	-.0010	.0045	1.0530	.37675	2.795	0.00000
.602	418.748	-0.00	22.40	1.1482	-.0300	-.0616	-.0010	-.0005	.0037	1.0741	.40990	2.620	0.00000
.600	416.591	-0.00	23.37	1.1767	-.0279	-.0692	-.0012	-.0005	.0042	1.0924	.44114	2.476	0.00000
.601	417.368	-0.00	23.99	1.1919	-.0262	-.0756	-.0007	-.0010	.0030	1.1009	.46066	2.390	0.00000

TABLE II.- TABULATED RESULTS - Continued

TEST 857							RUN 25						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.902	707.403	-0.00	-0.04	.0350	.0389	-.0414	.0012	.0001	.0014	.0350	.03891	.900	0.00000
.904	709.058	-0.00	-0.97	-.0313	.0399	-.0396	.0012	.0002	.0015	-.0306	.04045	-.757	0.00000
.904	708.938	-0.00	-.02	.0344	.0390	-.0415	.0012	.0001	.0010	.0344	.03895	.884	0.00000
.905	709.951	-0.00	2.16	.1922	.0337	-.0474	.0013	-.0000	.0017	.1908	.04093	4.662	0.00000
.905	709.605	-0.00	4.42	.3695	.0249	-.0603	.0012	-.0004	.0026	.3665	.05332	6.874	0.00000
.904	709.515	-0.00	6.77	.5553	.0165	-.0796	.0010	-.0005	.0030	.5496	.08179	6.720	0.00000
.904	709.291	-0.00	7.89	.6354	.0106	-.0826	.0015	-.0006	.0037	.6281	.09775	6.425	0.00000
.903	708.658	-0.00	9.06	.7082	.0046	-.0822	.0008	-.0006	.0039	.6988	.11607	6.021	0.00000
.906	710.670	-0.00	10.18	.7786	.0002	-.0810	.0002	-.0009	.0043	.7666	.13778	5.564	0.00000
.907	711.624	-0.00	11.37	.8467	-.0041	-.0774	-.0002	-.0007	.0033	.8312	.16297	5.101	0.00000
.905	709.845	-0.00	12.52	.9173	-.0071	-.0766	-.0006	-.0008	.0037	.8975	.19190	4.677	0.00000
.906	710.589	-0.00	13.67	.9471	-.0082	-.0637	-.0004	-.0006	.0022	.9227	.21592	4.273	0.00000
.901	706.932	-0.00	14.74	.9814	-.0101	-.0608	-.0014	-.0006	.0027	.9522	.23995	3.968	0.00000
.905	710.119	-0.00	15.94	1.0289	-.0096	-.0630	-.0006	-.0007	.0024	.9927	.27333	3.632	0.00000
.908	712.180	-0.00	17.02	1.0838	-.0077	-.0723	-.0003	-.0005	.0020	1.0394	.30986	3.354	0.00000
.904	709.075	-0.00	18.08	1.1246	-.0086	-.0755	.0000	-.0007	.0026	1.0726	.34078	3.148	0.00000

TEST 857							RUN 26							
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG	
.599	415.215	-0.00	-.89	-.0340	.0365	-.0378	.0011	-.0005	.0027	-.0334	.03702	-.903	0.00000	
.599	415.460	-0.00	.01	.0193	.0358	-.0388	.0010	-.0004	.0026	.0193	.03582	.540	0.00000	
.599	415.032	-0.00	2.04	.1388	.0306	-.0396	.0011	-.0004	.0027	.1376	.03556	3.869	0.00000	
.599	415.107	-0.00	4.13	.2709	.0211	-.0402	.0008	-.0005	.0029	.2687	.04053	6.631	0.00000	
.596	412.463	-0.00	6.31	.4046	.0082	-.0385	.0005	-.0007	.0028	.4013	.05255	7.638	0.00000	
.597	413.568	-0.00	8.47	.5429	-.0084	-.0393	.0003	-.0011	.0039	.5383	.07171	7.507	0.00000	
.601	417.355	-0.00	10.70	.6973	-.0268	-.0431	.0001	-.0013	.0051	.6903	.10308	6.697	0.00000	
.600	416.077	-0.00	11.79	.7623	-.0355	-.0434	.0006	-.0012	.0052	.7537	.12104	6.227	0.00000	
.600	416.309	-0.00	12.96	.8331	-.0441	-.0417	.0004	-.0012	.0052	.8220	.14386	5.714	0.00000	
.599	414.728	-0.00	14.05	.8980	-.0516	-.0399	.0007	-.0012	.0048	.8840	.16795	5.264	0.00000	
.597	412.934	-0.00	15.22	.9581	-.0554	-.0355	.0012	-.0012	.0046	.9395	.19802	4.745	0.00000	
.598	414.056	-0.00	16.30	1.0152	-.0576	-.0290	-.0003	-.0013	.0043	.9911	.22962	4.316	0.00000	
.598	414.114	-0.00	17.36	1.0587	-.0583	-.0243	-.0006	-.0011	.0038	1.0285	.26037	3.950	0.00000	
.598	414.015	-0.00	18.42	1.0994	-.0579	-.0228	-.0000	-.0011	.0031	1.0621	.29242	3.632	0.00000	
.600	416.004	-0.00	19.44	1.1307	-.0558	-.0213	.0003	-.0013	.0035	1.0857	.32363	3.355	0.00000	
.600	415.922	-0.00	19.44	1.1314	-.0560	-.0211	.0004	-.0014	.0039	1.0864	.32370	3.356	0.00000	
.601	416.830	-0.00	21.42	1.1499	-.0478	-.0394	-.0012	-.0010	.0028	1.0889	.37552	2.900	0.00000	
.601	417.350	-0.00	22.44	1.1868	-.0448	-.0476	-.0005	-.0010	.0029	1.1151	.41154	2.710	0.00000	
.602	417.959	-0.00	23.43	1.2259	-.0423	-.0558	-.0004	-.0010	.0035	1.1429	.44864	2.548	0.00000	
.604	419.940	-0.00	24.21	1.2514	-.0413	-.0615	-.0013	.0000	.0038	1.1597	.47551	2.439	0.00000	

TEST 857													RUN 27	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG	
.905	709.666	-0.00	-1.00	-.0274	.0328	-.0437	.0015	-.0000	.0015	-.0268	.03330	-1.806	0.00000	
.901	706.558	-0.00	.01	.0461	.0316	-.0479	.0013	-.0001	.0021	.0461	.03162	1.459	0.00000	
.904	708.898	-0.00	2.19	.2177	.0272	-.0598	.0012	-.0003	.0028	.2165	.03556	6.089	0.00000	
.905	709.672	-0.00	4.47	.3988	.0200	-.0782	.0016	-.0005	.0035	.3961	.05099	7.769	0.00000	
.903	708.006	-0.00	6.75	.5646	.0129	-.0869	.0007	-.0008	.0044	.5593	.07923	7.059	0.00000	
.902	707.359	-0.00	7.89	.6352	.0107	-.0874	-.0010	-.0013	.0056	.6278	.09779	6.420	0.00000	
.902	707.913	-0.00	9.03	.7099	.0084	-.0903	-.0012	-.0013	.0059	.7000	.11973	5.846	0.00000	
.904	709.350	-0.00	10.15	.7723	.0083	-.0918	.0006	-.0013	.0048	.7591	.14425	5.262	0.00000	
.905	709.873	-0.00	11.29	.8188	.0088	-.0927	.0036	-.0012	.0020	.8016	.16889	4.746	0.00000	
.906	710.438	-0.00	12.36	.8540	.0107	-.0970	.0008	-.0010	.0041	.8323	.19319	4.308	0.00000	
.906	710.775	-0.00	13.49	.8918	.0130	-.1053	-.0009	-.0007	.0044	.8646	.22066	3.918	0.00000	
.904	709.313	-0.00	14.59	.9482	.0150	-.1166	-.0004	-.0007	.0042	.9144	.25331	3.610	0.00000	
.911	714.164	-0.00	15.80	1.0241	.0172	-.1334	-.0011	-.0002	.0036	.9814	.29549	3.321	0.00000	
.908	712.443	-0.01	16.90	1.0733	.0190	-.1412	-.0014	.0006	.0037	1.0223	.33023	3.096	0.00000	
.907	710.939	-0.01	17.97	1.1081	.0210	-.1274	-.0008	.0013	.0018	1.0485	.36195	2.897	0.00000	

TEST 857							RUN 28						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.598	414.328	-0.0	-.82	-.0230	.0284	-.0378	.0013	-.0005	.0032	-.0225	.02869	-.786	0.00000
.599	415.567	-0.0	-.00	.0270	.0280	-.0402	.0009	-.0005	.0026	.0270	.02799	.964	0.00000
.599	415.476	-0.0	2.07	.1506	.0236	-.0428	.0007	-.0005	.0032	.1497	.02897	5.167	0.00000
.599	414.896	-0.0	4.14	.2842	.0150	-.0466	.0006	-.0007	.0037	.2824	.03547	7.962	0.00000
.599	414.743	-0.0	6.29	.4184	.0027	-.0490	.0006	-.0009	.0042	.4156	.04854	8.563	0.00000
.600	416.009	-0.0	7.39	.4881	-.0032	-.0501	.0003	-.0012	.0049	.4846	.05960	8.130	0.00000
.599	415.469	-0.0	8.47	.5543	-.0086	-.0506	.0002	-.0013	.0052	.5497	.07316	7.513	0.00000
.599	415.606	-0.0	9.55	.6184	-.0128	-.0503	.0005	-.0013	.0054	.6121	.09003	6.798	0.00000
.599	415.693	-0.0	10.70	.6942	-.0145	-.0535	.0011	-.0013	.0051	.6850	.11468	5.974	0.00000
.600	416.039	-0.0	11.79	.7508	-.0153	-.0572	.0021	-.0013	.0046	.7384	.13839	5.335	0.00000
.600	415.976	-0.0	12.91	.8076	-.0168	-.0604	.0016	-.0014	.0050	.7913	.16407	4.823	0.00000
.600	415.841	-0.0	13.97	.8484	-.0165	-.0633	-.0004	-.0014	.0062	.8277	.18884	4.383	0.00000
.599	415.578	-0.0	15.11	.8977	-.0137	-.0728	-.0014	-.0009	.0063	.8706	.22087	3.942	0.00000
.601	417.298	-0.0	16.18	.9503	-.0120	-.0792	-.0001	-.0011	.0054	.9166	.25331	3.618	0.00000
.599	415.449	-0.0	17.21	.9862	-.0108	-.0858	-.0007	-.0007	.0045	.9458	.28156	3.359	0.00000
.600	416.436	-0.0	18.26	1.0188	-.0080	-.0948	-.0014	-.0005	.0043	.9708	.31170	3.114	0.00000
.600	416.499	-0.1	19.25	1.0209	-.0035	-.1030	-.0034	-.0007	.0046	.9658	.33323	2.898	0.00000
.600	416.732	-0.0	20.24	1.0264	.0009	-.1124	-.0020	-.0001	.0043	.9636	.35584	2.708	0.00000
.601	416.976	-0.0	21.24	1.0659	.0018	-.1190	-.0016	-.0005	.0037	.9938	.38795	2.562	0.00000
.600	416.724	-0.0	22.28	1.1101	.0008	-.1198	-.0014	-.0009	.0037	1.0281	.42155	2.439	0.00000
.601	417.123	-0.0	23.29	1.1375	.0001	-.1224	-.0018	-.0006	.0041	1.0460	.44978	2.326	0.00000
.603	419.006	-0.0	24.00	1.1736	-.0005	-.1260	-.0024	.0002	.0045	1.0736	.47686	2.251	0.00000



TABLE II.- TABULATED RESULTS - Continued

TEST 857												RUN 29	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.902	707.212	-.00	-.98	-.0326	.0415	-.0406	.0015	-.0001	.0016	-.0319	.04207	-.758	0.00000
.906	710.680	-.00	-.03	.0324	.0400	-.0468	.0015	.0001	.0013	.0325	.03997	.812	0.00000
.904	709.568	-.00	2.17	.1959	.0328	-.0559	.0014	-.0001	.0024	.1945	.04023	4.834	0.00000
.903	708.535	-.00	4.41	.3746	.0241	-.0696	.0012	-.0005	.0029	.3716	.05283	7.034	0.00000
.904	709.425	-.00	6.74	.5585	.0155	-.0883	.0006	-.0007	.0036	.5529	.08093	6.832	0.00000
.901	707.088	-.00	7.88	.6379	.0085	-.0904	.0011	-.0008	.0041	.6309	.09579	6.586	0.00000
.900	706.195	-.00	9.05	.7192	.0017	-.0900	.0002	-.0008	.0043	.7102	.11471	6.191	0.00000
.905	710.133	-.00	10.17	.7847	-.0027	-.0868	-.0003	-.0008	.0036	.7731	.13584	5.691	0.00000
.903	708.408	-.00	11.35	.8443	-.0078	-.0791	-.0018	-.0008	.0032	.8297	.15847	5.236	0.00000
.906	710.843	-.00	12.46	.8921	-.0099	-.0693	-.0010	-.0007	.0028	.8736	.18282	4.779	0.00000
.904	709.424	-.00	13.63	.9403	-.0124	-.0607	.0010	.0001	.0007	.9173	.20948	4.379	0.00000
.906	711.337	-.00	14.73	.9816	-.0140	-.0586	-.0013	-.0002	.0011	.9534	.23616	4.037	0.00000
.904	709.186	-.00	15.95	1.0479	-.0132	-.0627	-.0008	-.0003	.0009	1.0119	.27533	3.675	0.00000
.907	711.990	-.00	17.04	1.0994	-.0129	-.0694	-.0016	-.0004	.0007	1.0557	.30975	3.408	0.00000
.903	708.834	-.00	18.09	1.1353	-.0128	-.0716	-.0007	-.0011	.0020	1.0841	.34032	3.185	0.00000

TEST 857												RUN 30	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.599	415.236	-.00	-.99	-.0422	.0366	-.0430	.0011	-.0004	.0025	-.0415	.03729	-1.114	0.00000
.599	414.974	-.00	-.02	.0122	.0350	-.0455	.0009	-.0004	.0027	.0122	.03503	.347	0.00000
.599	415.211	-.00	2.02	.1354	.0296	-.0458	.0009	-.0004	.0025	.1343	.03437	3.908	0.00000
.600	416.201	-.00	4.13	.2726	.0208	-.0462	.0008	-.0006	.0027	.2705	.04033	6.706	0.00000
.599	415.462	-.00	6.26	.4052	.0079	-.0461	.0008	-.0007	.0034	.4019	.05206	7.720	0.00000
.600	416.136	-.00	7.35	.4764	-.0002	-.0473	.0004	-.0008	.0037	.4726	.06076	7.778	0.00000
.599	415.901	-.00	8.46	.5531	-.0099	-.0487	.0004	-.0010	.0041	.5487	.07157	7.666	0.00000
.599	415.841	-.00	9.55	.6251	-.0189	-.0499	.0004	-.0011	.0048	.6197	.08501	7.289	0.00000
.599	415.961	-.00	10.70	.7070	-.0289	-.0519	.0003	-.0011	.0053	.7003	.10289	6.806	0.00000
.600	416.261	-.00	11.83	.7783	-.0374	-.0517	.0002	-.0011	.0048	.7696	.12296	6.259	0.00000
.599	415.918	-.00	12.95	.8454	-.0444	-.0490	.0002	-.0010	.0045	.8342	.14612	5.709	0.00000
.600	416.261	-.00	14.06	.9075	-.0494	-.0449	.0009	-.0010	.0049	.8927	.17248	5.175	0.00000
.599	415.800	-.00	15.24	.9657	-.0527	-.0407	.0004	-.0011	.0046	.9460	.20295	4.662	0.00000
.599	415.673	-.00	16.30	1.0211	-.0552	-.0354	.0003	-.0012	.0042	.9962	.23352	4.266	0.00000
.600	416.802	-.00	17.34	1.0626	-.0563	-.0279	.0008	-.0012	.0031	1.0317	.26302	3.923	0.00000
.600	416.783	-.00	18.42	1.0967	-.0566	-.0221	-.0005	-.0011	.0021	1.0592	.29275	3.618	0.00000
.601	417.776	-.00	19.44	1.1454	-.0568	-.0240	-.0015	-.0012	.0027	1.0999	.32768	3.357	0.00000
.601	417.372	-.00	20.48	1.1672	-.0531	-.0259	-.0005	-.0001	.0019	1.1130	.35861	3.104	0.00000
.601	417.374	-.00	21.47	1.1996	-.0512	-.0306	-.0008	.0001	.0019	1.1362	.39139	2.903	0.00000
.598	414.197	-.00	22.46	1.2144	-.0507	-.0365	-.0005	-.0010	.0034	1.1429	.41700	2.741	0.00000
.600	416.656	-.00	23.49	1.2606	-.0479	-.0446	-.0073	.0005	.0026	1.1765	.45850	2.566	0.00000
.604	420.397	-.00	24.26	1.2775	-.0439	-.0507	-.0043	.0001	.0024	1.1842	.48483	2.442	0.00000

TEST 857												RUN 31	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.902	708.216	-.00	-1.00	-.0270	.0364	-.0407	.0016	-.0001	.0017	-.0264	.03684	-.717	4.01331
.903	709.480	-.00	-.06	.0387	.0356	-.0442	.0013	-.0001	.0020	.0387	.03557	1.089	3.63394
.902	708.898	-.00	2.19	.2070	.0307	-.0536	.0012	-.0002	.0027	.2057	.03862	5.328	5.28868
.902	709.105	-.00	4.45	.3898	.0222	-.0714	.0014	-.0007	.0037	.3870	.05237	7.389	6.53161
.903	709.466	-.00	6.77	.5659	.0139	-.0891	.0007	-.0009	.0039	.5604	.08048	6.963	6.57903
.903	709.737	-.00	7.90	.6502	.0093	-.0933	.0014	-.0010	.0042	.6429	.09849	6.527	9.78119
.903	709.665	-.00	9.05	.7236	.0039	-.0906	.0000	-.0012	.0047	.7141	.11773	6.066	11.32611
.904	710.347	-.00	10.21	.7967	.0009	-.0878	-.0004	-.0012	.0043	.7842	.14214	5.517	14.88517
.905	710.889	-.00	11.39	.8658	-.0013	-.0860	-.0017	-.0013	.0042	.8493	.16977	5.003	17.44091
.906	711.822	-.00	12.50	.9131	-.0018	-.0787	-.0004	-.0014	.0039	.8923	.19582	4.556	20.68051
.906	711.592	-.00	13.63	.9513	-.0012	-.0746	-.0020	-.0011	.0031	.9253	.22298	4.150	18.85854
.906	711.807	-.00	14.72	.9835	-.0010	-.0720	-.0016	-.0001	.0018	.9521	.24885	3.826	18.41429
.907	712.673	-.00	15.91	1.0331	-.0007	-.0783	-.0018	.0003	.0015	.9940	.28392	3.501	19.59731
.903	709.193	-.00	16.95	1.0580	-.0002	-.0773	-.0003	-.0000	.0020	1.0128	.30862	3.282	20.46586
.892	700.957	-.00	18.00	1.0889	-.0006	-.0747	.0009	-.0004	.0024	1.0366	.33593	3.086	22.45255

TEST 857												RUN 32	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.797	616.996	-.00	-.93	-.0240	.0339	-.0396	.0014	-.0002	.0021	-.0234	.03432	-.683	3.74875
.795	615.215	-.00	-.02	.0318	.0332	-.0417	.0011	-.0003	.0023	.0319	.03321	.959	3.71381
.797	616.833	-.00	2.11	.1760	.0282	-.0467	.0009	-.0004	.0029	.1749	.03465	5.046	3.59900
.797	617.330	-.00	4.29	.3271	.0184	-.0518	.0012	-.0008	.0036	.3249	.04278	7.593	4.02828
.799	619.591	-.00	6.56	.4875	.0054	-.0558	.0013	-.0008	.0039	.4838	.06103	7.927	4.65973
.798	618.728	-.00	7.69	.5693	-.0016	-.0588	.0012	-.0010	.0042	.5645	.07461	7.566	5.15640
.796	616.835	-.00	8.85	.6486	-.0091	-.0598	.0008	-.0012	.0049	.6424	.09079	7.076	5.54325
.797	617.233	-.00	9.96	.7217	-.0149	-.0583	.0007	-.0012	.0048	.7136	.11020	6.476	6.55656
.797	617.739	-.00	11.15	.8028	-.0182	-.0590	.0004	-.0012	.0052	.7914	.13734	5.762	7.83194
.797	617.823	-.00	12.28	.8696	-.0207	-.0573	.0001	-.0011	.0052	.8544	.16467	5.189	9.75872
.797	617.733	-.00	13.43	.9235	-.0222	-.0519	.0003	-.0013	.0049	.9038	.19293	4.685	12.33692
.798	618.236	-.00	14.52	.9601	-.0220	-.0441	-.0009	-.0014	.0043	.9354	.21934	4.265	12.24957
.799	619.368	-.00	15.64	.9963	-.0195	-.0368	.0013	-.0019	.0023	.9363	.24172	3.874	15.04990
.800	619.910	-.00	16.69	.9961	-.0179	-.0507	.0013	-.0008	.0034	.9600	.26888	3.570	24.94339
.800	619.684	-.00	17.72	1.0279	-.0156	-.0546	.0008	-.0010	.0033	.9846	.29805	3.304	26.03408
.800	619.645	-.00	18.79	1.0604	-.0127	-.0623	.0003	-.0021	.0033	1.0088	.32950	3.062	0.00000
.798	617.790	-.00	19.80	1.0886	-.0096	-.0747	.0004	-.0026	.0038	1.0284	.35964	2.860	0.00000
.798	617.845	-.00	20.83	1.1188	-.0061	-.0891	-.0004	-.0010	.0027	1.0489	.39212	2.675	0.00000
.800	619.922	-.00	21.85	1.1596	-.0046	-.0984	-.0003	-.0009	.0022	1.0792	.42723	2.526	0.00000
.801	620.420	-.00	22.87	1.1987	-.0040	-.1053	.0003	-.0012	.0021	1.1073	.46220	2.396	0.00000
.790	610.906	-.00	23.87	1.2423	-.0047	-.1104	-.0002	-.0015	.0022	1.1394	.49847	2.286	0.00000
.793	613.448	-.00	24.63	1.2434	-.0009	-.1143	-.0001	-.0010	.0019	1.1313	.51909	2.179	0.00000

TABLE II.- TABULATED RESULTS - Continued

TEST 857

RUN 33

MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.699	520.713	-.00	-.87	-.0252	.0329	-.0380	.0012	-.0004	.0024	-.0247	.03324	-.742	2.74792
.699	520.477	-.00	-.05	.0258	.0324	-.0399	.0010	-.0004	.0026	.0258	.03235	.799	2.59317
.698	520.321	-.00	2.06	.1545	.0279	-.0439	.0008	-.0004	.0030	.1534	.03342	4.590	2.54326
.698	519.993	-.00	4.20	.3011	.0179	-.0473	.0009	-.0007	.0037	.2990	.03996	7.481	2.67304
.698	520.177	-.00	6.40	.4419	.0050	-.0496	.0008	-.0008	.0038	.4387	.05420	8.093	2.99251
.699	521.294	-.00	7.51	.5166	-.0028	-.0516	.0008	-.0009	.0039	.5126	.06479	7.912	3.26455
.699	521.256	-.00	8.64	.5904	-.0106	-.0521	.0009	-.0011	.0046	.5854	.07817	7.488	3.48918
.699	520.542	-.00	9.73	.6635	-.0176	-.0519	.0011	-.0012	.0044	.6571	.09479	6.932	4.21048
.699	520.714	-.00	10.91	.7411	-.0243	-.0510	.0014	-.0011	.0050	.7325	.11647	6.290	5.61563
.699	520.983	-.00	12.02	.8083	-.0294	-.0506	.0010	-.0009	.0050	.7970	.13950	5.713	6.80365
.699	520.748	-.00	13.20	.8736	-.0326	-.0474	.0026	-.0008	.0048	.8583	.16767	5.119	8.16638
.699	521.465	-.00	14.28	.9319	-.0338	-.0442	.0017	-.0013	.0052	.9119	.19720	4.624	10.81696
.699	521.053	.00	15.43	.9597	-.0330	-.0425	.0025	-.0025	.0020	.9344	.22354	4.180	13.17303
.700	521.815	.00	16.47	.9689	-.0294	-.0445	-.0004	-.0022	.0027	.9381	.24642	3.807	20.11645
.700	521.648	.00	17.50	1.0013	-.0271	-.0473	-.0010	-.0021	.0032	.9638	.27522	3.502	21.71877
.700	522.198	-.00	18.55	1.0403	-.0247	-.0520	-.0014	-.0019	.0035	.9948	.30761	3.234	0.00000
.700	521.747	-.00	19.57	1.0730	-.0214	-.0589	-.0005	-.0019	.0037	1.0190	.33919	3.004	0.00000
.697	519.307	-.00	20.57	1.0909	-.0175	-.0689	-.0004	-.0018	.0034	1.0285	.36683	2.804	0.00000
.700	522.253	-.00	21.58	1.1249	-.0138	-.0799	-.0016	-.0023	.0023	1.0522	.40090	2.625	0.00000
.704	525.418	-.00	22.59	1.1583	-.0123	-.0872	-.0018	-.0001	.0021	1.0753	.43362	2.480	0.00000
.703	524.666	-.00	23.62	1.1924	-.0116	-.0940	-.0022	.0001	.0018	1.0983	.46721	2.351	0.00000
.703	525.096	-.00	24.34	1.2159	-.0112	-.0985	-.0022	.0004	.0020	1.1138	.49098	2.268	0.00000

TEST 857

RUN 34

MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.600	417.351	-.00	-.82	-.0220	.0326	-.0377	.0011	-.0006	.0028	-.0215	.03293	-.653	2.07654
.599	416.687	-.00	-.01	.0260	.0319	-.0390	.0008	-.0005	.0023	.0260	.03192	.814	1.95424
.600	416.926	-.00	2.04	.1472	.0272	-.0420	.0008	-.0005	.0023	.1461	.03239	4.511	1.91431
.599	416.504	-.00	4.14	.2799	.0179	-.0439	.0006	-.0008	.0038	.2779	.03809	7.296	1.79451
.601	417.840	-.00	6.30	.4158	.0055	-.0466	.0007	-.0007	.0032	.4128	.05116	8.069	1.99917
.600	417.112	-.00	7.38	.4876	-.0022	-.0482	.0008	-.0009	.0036	.4839	.06044	8.007	2.13394
.599	416.631	-.00	8.47	.5567	-.0111	-.0495	.0009	-.0010	.0041	.5523	.07106	7.773	2.44592
.598	415.585	-.00	9.55	.6259	-.0187	-.0502	.0010	-.0010	.0041	.6204	.08542	7.263	2.84525
.597	414.558	-.00	10.69	.6966	-.0259	-.0498	.0008	-.0011	.0050	.6895	.10372	6.647	3.38435
.597	414.539	-.00	11.79	.7648	-.0324	-.0492	.0012	-.0010	.0049	.7555	.12456	6.065	4.10815
.597	414.377	-.00	12.95	.8277	-.0374	-.0470	.0009	-.0010	.0055	.8154	.14903	5.471	5.26871
.598	415.472	-.00	14.03	.8865	-.0403	-.0436	.0006	-.0009	.0050	.8702	.17590	4.947	6.32196
.598	415.266	-.00	15.22	.9470	-.0426	-.0399	-.0003	-.0014	.0053	.9255	.20746	4.461	7.93926
.598	414.988	-.00	16.28	1.0021	-.0433	-.0380	-.0007	-.0016	.0048	.9746	.23934	4.072	9.18232
.599	415.790	-.00	17.30	1.0206	-.0412	-.0378	-.0007	-.0031	.0039	.9873	.26428	3.736	11.92511
.599	415.940	-.00	18.33	1.0234	-.0367	-.0433	-.0011	-.0017	.0032	.9837	.28702	3.427	0.00000
.597	414.275	-.00	19.35	1.0629	-.0339	-.0486	-.0013	-.0016	.0033	1.0149	.32015	3.170	0.00000
.598	414.535	-.00	20.37	1.0973	-.0295	-.0569	-.0008	-.0017	.0034	1.0399	.35420	2.936	0.00000
.600	417.527	-.00	21.33	1.0976	-.0238	-.0680	-.0010	-.0016	.0034	1.0320	.37709	2.737	0.00000
.599	416.463	-.00	22.36	1.1384	-.0215	-.0752	-.0018	-.0025	.0033	1.0620	.41318	2.570	0.00000
.599	416.551	-.00	23.37	1.1673	-.0200	-.0833	-.0023	.0004	.0032	1.0806	.44467	2.430	0.00000
.600	416.780	-.00	24.15	1.1957	-.0191	-.0897	-.0024	.0006	.0028	1.1002	.47172	2.332	0.00000

TEST 857

RUN 35

MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.900	708.193	-.00	-.95	-.0813	.0415	.0494	.0013	-.0001	.0011	-.0806	.04283	-1.882	0.00000
.902	709.612	-.00	-.04	-.0180	.0405	.0457	.0013	-.0002	.0013	-.0179	.04051	-.443	0.00000
.903	710.925	-.00	2.20	.1447	.0351	.0360	.0010	-.0004	.0019	.1433	.04069	3.522	0.00000
.903	710.430	-.00	4.43	.3253	.0264	.0173	.0014	-.0006	.0023	.3224	.05146	6.264	0.00000
.901	709.153	-.00	6.74	.5063	.0174	-.0020	.0007	-.0007	.0023	.5008	.07669	6.530	0.00000
.901	709.185	-.00	7.89	.5853	.0124	-.0058	.0013	-.0008	.0028	.5782	.09260	6.244	0.00000
.903	710.982	-.00	9.05	.6646	.0077	-.0044	-.0002	-.0009	.0026	.6553	.11212	5.845	0.00000
.903	710.999	-.00	10.18	.7339	.0039	-.0022	-.0006	-.0010	.0027	.7219	.13354	5.406	0.00000
.904	711.703	-.00	11.37	.8036	.0021	-.0009	-.0020	-.0010	.0025	.7877	.16051	4.907	0.00000
.904	711.235	-.00	12.46	.8393	.0007	.0120	-.0022	-.0012	.0026	.8197	.18187	4.507	0.00000
.904	711.854	-.00	13.63	.8858	.0011	.0137	-.0017	-.0012	.0032	.8610	.20985	4.103	0.00000
.905	712.306	-.00	14.70	.9060	.0002	.0209	-.0009	-.0011	.0029	.8768	.23019	3.809	0.00000
.906	713.354	-.00	15.88	.9541	.0014	.0156	-.0009	-.0011	.0031	.9179	.26245	3.498	0.00000
.902	709.552	-.00	16.94	1.0028	.0022	.0075	-.0001	-.0014	.0033	.9593	.29439	3.259	0.00000
.909	715.803	-.00	18.03	1.0544	.0030	-.0069	.0005	-.0017	.0038	1.0625	.32920	3.045	0.00000

TEST 857

RUN 36

MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.797	615.865	-.00	-.91	-.0835	.0389	.0505	.0013	-.0000	.0008	-.0829	.04018	-2.063	0.00000
.796	615.779	-.00	-.04	-.0292	.0381	.0478	.0013	-.0001	.0016	-.0291	.03816	-.764	0.00000
.797	616.602	-.00	2.10	.1117	.0328	.0421	.0010	-.0003	.0024	.1104	.03689	2.993	0.00000
.797	616.516	-.00	4.29	.2652	.0220	.0356	.0010	-.0006	.0029	.2629	.04182	6.285	0.00000
.797	616.581	-.00	6.52	.4199	.0091	.0299	.0014	-.0005	.0026	.4162	.05671	7.340	0.00000
.796	615.914	-.00	8.81	.5824	-.0056	.0251	.0011	-.0008	.0028	.5765	.08365	6.892	0.00000
.796	615.744	-.00	9.95	.6587	-.0118	.0267	.0009	-.0009	.0030	.6510	.10212	6.374	0.00000
.797	616.655	-.00	11.11	.7320	-.0151	.0286	.0004	-.0009	.0034	.7214	.12627	5.713	0.00000
.796	615.531	-.00	12.24	.7949	-.0175	.0331	-.0003	-.0008	.0029	.7808	.15137	5.159	0.00000
.798	616.936	-.00	13.41	.8515	-.0186	.0386	.0007	-.0008	.0030	.8330	.17936	4.644	0.00000
.797	616.507	-.00	14.50	.8894	-.0193	.0461	-.0006	-.0011	.0029	.8663	.20397	4.247	0.00000
.799	618.185	-.00	15.65	.9119	-.0182	.0531	-.0005	-.0013	.0020	.8835	.22842	3.868	0.00000
.798	617.618	-.00	16.65	.9342	-.0165	.0303	.0006	-.0016	.0032	.9003	.25186	3.575	0.00000
.798	617.015	-.00	17.70	.9686	-.0147	.0226	.0001	-.0018	.0034	.9278	.28040	3.309	0.00000
.798	617.580	-.00	18.73	1.0005	-.0126	.0097	-.0002	-.0030	.0044	.9523	.30922	3.080	0.00000
.800	619.403	-.00	19.75	1.0342	-.0099	.0081	-.0000	-.0031	.0039	.9775	.34021	2.873	0.00000
.801	620.338	-.00	20.80	1.0725	-.0070	.0263	-.0004	-.0011	.0023	1.0060	.37433	2.688	0.00000
.801	620.304	-.00	21.81	1.1115	-.0065	.0364	-.0006	-.0010	.0019	1.0354	.40690	2.545	0.00000
.803	621.547	-.00	22.84	1.1599	-.0056	.0456	-.0001	-.0011	.0020	1.0723	.44518	2.409	0.00000
.802	620.883	-.00	23.83	1.1740	-.0012	.0480	-.0005	-.0008	.0022	1.0757	.47329	2.273	0.00000
.802	620.632	-.00	24.66	1.1996	-.0017	.0543	-.0006	-.0008	.0019	1.0923	.49888	2.189	0.00000

TABLE II.- TABULATED RESULTS - Continued

TEST 857													RUN 37	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG	
.697	518.159	-0.00	-0.93	-0.0866	.0380	.0500	.0011	-0.0001	.0014	-0.0860	.03944	-2.181	0.00000	
.697	517.522	-0.00	-0.05	-0.0330	.0373	.0477	.0011	-0.0002	.0015	-0.0330	.03732	-0.883	0.00000	
.698	518.749	-0.00	2.03	.0970	.0323	.0426	.0008	-0.0004	.0025	.0958	.03574	2.680	0.00000	
.697	518.194	-0.00	4.16	.2427	.0222	.0374	.0010	-0.0005	.0033	.2405	.03975	6.050	0.00000	
.699	519.773	-0.00	6.36	.3832	.0085	.0340	.0013	-0.0006	.0026	.3800	.05089	7.466	0.00000	
.698	518.967	-0.00	8.59	.5327	-0.0076	.0306	.0011	-0.0008	.0027	.5280	.07202	7.331	0.00000	
.697	518.408	-0.00	10.83	.6742	-0.0209	.0335	.0008	-0.0009	.0029	.6663	.10610	6.280	0.00000	
.698	518.830	-0.00	11.96	.7473	-0.0265	.0351	.0009	-0.0007	.0024	.7368	.12898	5.712	0.00000	
.699	519.839	-0.00	13.14	.8110	-0.0298	.0369	.0022	-0.0006	.0033	.7968	.15525	5.133	0.00000	
.698	518.762	-0.00	14.24	.8718	-0.0314	.0400	.0007	-0.0011	.0032	.8531	.18402	4.636	0.00000	
.697	518.489	.00	15.38	.9067	-0.0314	.0399	.0017	-0.0028	.0021	.8830	.21024	4.200	0.00000	
.699	519.700	.00	16.40	.9156	-0.0284	.0359	.0006	-0.0035	.0029	.8869	.23135	3.833	0.00000	
.699	520.304	.00	17.43	.9432	-0.0260	.0299	-0.0011	-0.0026	.0030	.9082	.25773	3.524	0.00000	
.698	518.642	.00	18.48	.9823	-0.0244	.0237	-0.0015	-0.0024	.0032	.9400	.28831	3.260	0.00000	
.699	519.660	.00	19.50	1.0151	-0.0216	.0132	-0.0006	-0.0025	.0039	.9649	.31853	3.029	0.00000	
.700	520.438	.00	20.52	1.0338	-0.0185	-0.0003	-0.0003	-0.0023	.0032	.9755	.34509	2.827	0.00000	
.699	519.913	-0.00	21.52	1.0697	-0.0158	-0.0132	-0.0016	-0.0005	.0027	1.0019	.37776	2.652	0.00000	
.700	520.793	-0.00	22.54	1.1053	-0.0149	-0.0212	-0.0020	-0.0003	.0018	1.0277	.40988	2.507	0.00000	
.702	522.543	-0.00	23.56	1.1376	-0.0146	-0.0291	-0.0022	.0002	.0012	1.0498	.44127	2.379	0.00000	
.699	520.318	-0.00	24.39	1.1684	-0.0147	-0.0358	-0.0021	.0002	.0014	1.0715	.46906	2.284	0.00000	
TEST 857													RUN 38	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG	
.600	415.898	-0.00	-0.99	-0.0920	.0378	.0498	.0013	.0000	.0008	-0.0914	.03939	-2.319	0.00000	
.600	415.888	-0.00	-0.05	-0.0350	.0369	.0475	.0013	-0.0001	.0014	-0.0350	.03690	-0.949	0.00000	
.600	416.617	-0.00	1.98	.0831	.0320	.0441	.0008	-0.0003	.0018	.0820	.03480	2.356	0.00000	
.601	417.351	-0.00	4.07	.2192	.0224	.0401	.0011	-0.0005	.0023	.2171	.03795	5.720	0.00000	
.600	416.198	-0.00	6.22	.3582	.0091	.0359	.0012	-0.0005	.0025	.3551	.04782	7.426	0.00000	
.599	415.230	-0.00	8.40	.4932	-0.0070	.0313	.0011	-0.0007	.0030	.4890	.06512	7.510	0.00000	
.598	414.726	-0.00	10.62	.6330	-0.0224	.0327	.0010	-0.0009	.0032	.6264	.09470	6.615	0.00000	
.599	415.121	-0.00	11.73	.7029	-0.0292	.0342	.0009	-0.0010	.0041	.6943	.11437	6.071	0.00000	
.599	415.862	-0.00	12.88	.7678	-0.0343	.0362	.0006	-0.0008	.0041	.7564	.13774	5.491	0.00000	
.599	415.133	-0.00	13.97	.8234	-0.0372	.0400	.0006	-0.0008	.0032	.8088	.16282	4.967	0.00000	
.598	414.757	-0.00	15.14	.8854	-0.0397	.0414	-0.0001	-0.0011	.0032	.8655	.19287	4.487	0.00000	
.600	416.210	-0.00	16.21	.9384	-0.0408	.0409	-0.0005	-0.0015	.0034	.9130	.22278	4.098	0.00000	
.599	415.680	.00	17.24	.9628	-0.0397	.0407	-0.0002	-0.0035	.0032	.9319	.24753	3.765	0.00000	
.598	414.576	.00	18.26	.9682	-0.0359	.0345	-0.0012	-0.0019	.0024	.9313	.26919	3.460	0.00000	
.598	414.480	.00	19.27	1.0011	-0.0334	.0276	-0.0012	-0.0020	.0033	.9568	.29878	3.202	0.00000	
.602	418.148	.00	20.30	1.0430	-0.0296	.0164	-0.0006	-0.0023	.0038	.9893	.33409	2.961	0.00000	
.600	416.641	.00	21.27	1.0503	-0.0244	.0003	-0.0010	-0.0022	.0035	.9885	.35829	2.759	0.00000	
.598	414.636	-0.00	22.28	1.0814	-0.0231	-0.0065	-0.0016	-0.0011	.0031	1.0104	.38857	2.600	0.00000	
.599	415.385	-0.00	23.27	1.1128	-0.0223	-0.0150	-0.0022	-0.0002	.0024	1.0321	.41919	2.462	0.00000	
.599	415.602	-0.00	24.09	1.1376	-0.0220	-0.0220	-0.0022	-0.0000	.0022	1.0487	.44417	2.361	0.00000	
TEST 857													RUN 39	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG	
.903	707.682	-0.00	-1.01	-0.1442	.0601	.1355	.0015	.0006	-0.0001	-0.1431	.06260	-2.286	0.00000	
.907	710.407	-0.00	.01	-0.0714	.0591	.1307	.0015	.0003	.0004	-0.0714	.05912	-1.208	0.00000	
.903	707.219	-0.00	2.18	.0899	.0522	.1177	.0014	-0.0002	.0012	.0879	.05556	1.582	0.00000	
.906	710.093	-0.00	4.42	.2719	.0453	.1008	.0013	-0.0009	.0028	.2677	.06613	4.048	0.00000	
.905	709.568	-0.00	6.72	.4452	.0356	.0855	.0006	-0.0013	.0030	.4381	.08749	5.008	0.00000	
.905	709.262	-0.00	7.86	.5227	.0299	.0820	.0012	-0.0014	.0034	.5138	.10109	5.082	0.00000	
.902	706.551	-0.00	9.04	.6019	.0248	.0839	-0.0002	-0.0015	.0030	.5908	.11900	4.965	0.00000	
.906	709.703	-0.00	10.17	.6734	.0220	.0843	-0.0006	-0.0014	.0031	.6592	.14047	4.693	0.00000	
.904	708.167	-0.00	11.34	.7426	.0191	.0857	-0.0018	-0.0013	.0026	.7247	.16471	4.400	0.00000	
.908	711.493	-0.00	12.44	.7868	.0187	.0916	-0.0024	-0.0012	.0020	.7646	.18777	4.072	0.00000	
.906	710.380	-0.00	13.59	.8245	.0179	.0962	-0.0013	-0.0010	.0020	.7976	.21116	3.777	0.00000	
.908	711.315	-0.00	14.71	.8738	.0179	.0928	-0.0012	-0.0007	.0021	.8412	.23910	3.518	0.00000	
.913	715.522	-0.00	15.91	.9345	.0180	.0788	-0.0010	-0.0008	.0021	.8944	.27351	3.270	0.00000	
.910	712.869	-0.00	16.94	.9506	.0152	.0776	-0.0004	-0.0010	.0030	.9056	.29148	3.107	0.00000	
.908	711.812	-0.00	18.00	1.0073	.0149	.0622	.0006	-0.0016	.0041	.9542	.32544	2.932	0.00000	
.902	706.888	-0.00	19.07	1.0333	.0135	.0524	.0001	-0.0014	.0040	.9731	.35026	2.778	0.00000	
TEST 857													RUN 40	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG	
.797	615.438	-0.00	-1.01	-0.1373	.0558	.1221	.0012	-0.0005	.0012	-0.1363	.05825	-2.341	0.00000	
.796	614.769	-0.00	-0.03	-0.0710	.0546	.1186	.0011	-0.0005	.0016	-0.0710	.05466	-1.299	0.00000	
.798	616.365	-0.00	2.08	.0642	.0498	.1145	.0009	-0.0006	.0027	.0623	.05207	1.197	0.00000	
.797	615.573	-0.00	4.26	.2149	.0391	.1142	.0013	-0.0008	.0029	.2114	.05492	3.850	0.00000	
.798	616.606	-0.00	6.49	.3657	.0259	.1129	.0014	-0.0011	.0034	.3605	.06708	5.374	0.00000	
.797	615.732	-0.00	8.76	.5236	.0106	.1078	.0012	-0.0012	.0029	.5159	.09023	5.718	0.00000	
.799	617.026	-0.00	11.10	.6828	.0002	.1090	.0006	-0.0012	.0033	.6702	.13157	5.094	0.00000	
.798	616.816	-0.00	12.21	.7432	-0.0022	.1135	-0.0001	-0.0010	.0027	.7271	.15499	4.691	0.00000	
.799	617.721	-0.00	13.37	.7995	-0.0033	.1213	.0004	-0.0010	.0031	.7789	.18175	4.285	0.00000	
.799	616.923	.00	14.47	.8378	-0.0038	.1287	-0.0008	-0.0016	.0030	.8126	.20575	3.949	0.00000	
.799	617.489	.01	15.58	.8522	-0.0035	.1180	-0.0020	-0.0051	.0033	.8222	.22561	3.645	0.00000	
.797	615.803	.00	16.63	.8836	-0.0054	.0911	.0001	-0.0019	.0028	.8487	.24767	3.427	0.00000	
.799	617.358	.00	17.69	.9280	-0.0039	.0797	-0.0004	-0.0024	.0033	.8859	.27820	3.184	0.00000	
.799	617.188	.00	18.72	.9635	-0.0030	.0671	-0.0002	-0.0037	.0045	.9141	.30666	2.983	0.00000	
.796	614.412	.00	19.73	.9906	-0.0022	.0508	-0.0001	-0.0034	.0045	.9339	.33242	2.809	0.00000	
.801	618.915	.00	20.78	1.0271	-0.0002	.0309	-0.0006	-0.0016	.0028	.9612	.36409	2.600	0.00000	
.802	619.898	.00	21.79	1.0732	.0003	.0188	-0.0007	-0.0017	.0028	.9974	.39861	2.502	0.00000	
.802	620.266	.00	22.80	1.1042	-0.0004	.0123	-0.0006	-0.0018	.0024	1.0192	.42745	2.384	0.00000	
.803	620.936	-0.00	23.85	1.1474	.0009	.0074	-0.0039	.0001	.0018	1.0503	.46471	2.260	0.00000	
.802	620.234	-0.00	24.67	1.1579	.0020	.0075	-0							

TABLE II.- TABULATED RESULTS - Continued

## TEST 857

## RUN 41

MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.698	518.115	-0.00	-1.04	-.1396	.0548	.1219	-.0012	-.0006	.0012	-.1386	.05730	-2.419	0.00000
.697	517.085	-0.00	-.04	-.0800	.0538	.1194	-.0009	-.0007	.0020	-.0800	.05384	-1.485	0.00000
.698	518.156	-0.00	2.03	.0464	.0485	.1164	-.0008	-.0008	.0025	.0446	.05012	.891	0.00000
.697	517.435	-0.00	4.16	.1888	.0382	.1147	-.0012	-.0010	.0037	.1856	.05184	3.580	0.00000
.698	517.922	-0.00	6.35	.3286	.0250	.1153	-.0011	-.0011	.0032	.3239	.06121	5.291	0.00000
.698	518.044	-0.00	8.57	.4746	.0085	.1123	-.0011	-.0012	.0034	.4681	.07906	5.920	0.00000
.697	517.568	-0.00	10.83	.6226	-.0056	.1142	-.0007	-.0012	.0034	.6128	.11155	5.493	0.00000
.698	518.065	-0.00	11.96	.6929	-.0110	.1128	-.0012	-.0008	.0036	.6803	.13281	5.122	0.00000
.697	516.949	-0.00	13.11	.7538	-.0152	.1168	-.0015	-.0008	.0026	.7378	.15626	4.722	0.00000
.697	516.801	-0.00	14.22	.8139	-.0169	.1205	-.0001	-.0016	.0033	.7935	.18351	4.324	0.00000
.698	517.924	.01	15.37	.8543	-.0184	.1171	-.0013	-.0039	.0031	.8291	.20872	3.972	0.00000
.698	517.866	.00	16.39	.8647	-.0168	.1073	-.0002	-.0037	.0038	.8347	.22786	3.663	0.00000
.698	518.379	.00	17.44	.8984	-.0149	.0955	-.0011	-.0031	.0049	.8621	.25500	3.381	0.00000
.698	518.436	.00	18.48	.9383	-.0142	.0874	-.0016	-.0024	.0023	.8950	.28392	3.152	0.00000
.697	516.844	.00	19.51	.9701	-.0126	.0757	-.0008	-.0025	.0029	.9194	.31206	2.946	0.00000
.695	515.326	.00	20.49	.9913	-.0106	.0608	-.0005	-.0024	.0033	.9331	.33706	2.768	0.00000
.701	521.161	-0.00	21.51	1.0239	-.0083	.0454	-.0016	-.0007	.0026	.9565	.36765	2.602	0.00000
.699	518.643	-0.00	22.53	1.0581	-.0084	.0378	-.0021	-.0008	.0023	.9815	.39760	2.469	0.00000
.701	521.563	-0.00	23.55	1.0930	-.0086	.0297	-.0023	-.0004	.0016	1.0065	.42879	2.347	0.00000
.699	519.576	-0.00	24.43	1.1243	-.0092	.0238	-.0023	-.0001	.0013	1.0286	.45669	2.252	0.00000

## TEST 857

## RUN 42

MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.600	415.354	-0.00	-.89	-.1362	.0543	.1216	-.0010	-.0004	.0012	-.1353	.05642	-2.399	0.00000
.599	414.682	-0.00	-.03	-.0846	.0535	.1195	-.0009	-.0007	.0028	-.0846	.05358	-1.579	0.00000
.600	415.327	-0.00	2.00	.0338	.0480	.1169	-.0005	-.0007	.0022	.0321	.04916	.654	0.00000
.600	415.397	-0.00	4.08	.1605	.0386	.1159	-.0007	-.0009	.0023	.1573	.04996	3.149	0.00000
.599	414.908	-0.00	6.25	.3021	.0254	.1160	-.0009	-.0011	.0033	.2975	.05816	5.116	0.00000
.600	415.421	-0.00	8.42	.4397	.0082	.1125	-.0008	-.0012	.0032	.4339	.07250	5.984	0.00000
.600	415.659	-0.00	10.63	.5824	-.0072	.1129	-.0006	-.0014	.0028	.5739	.10034	5.719	0.00000
.599	414.222	-0.00	11.73	.6441	-.0144	.1136	-.0004	-.0013	.0033	.6338	.11694	5.420	0.00000
.599	414.634	-0.00	12.88	.7126	-.0198	.1155	-.0003	-.0012	.0039	.6993	.13962	5.008	0.00000
.599	414.645	-0.00	13.96	.7682	-.0230	.1194	-.0007	-.0010	.0036	.7514	.16305	4.608	0.00000
.599	414.926	-0.00	15.13	.8320	-.0261	.1207	-.0003	-.0016	.0032	.8103	.19207	4.219	0.00000
.600	415.629	.00	16.22	.8872	-.0281	.1194	-.0009	-.0020	.0039	.8602	.22088	3.894	0.00000
.600	415.666	.00	17.24	.9126	-.0280	.1138	-.0006	-.0043	.0052	.8804	.24375	3.612	0.00000
.599	414.457	.00	18.25	.9140	-.0256	.1021	-.0015	-.0024	.0031	.8766	.26187	3.348	0.00000
.597	412.694	.00	19.26	.9537	-.0238	.0930	-.0014	-.0022	.0034	.9089	.29215	3.111	0.00000
.598	413.686	.00	20.30	.9890	-.0208	.0808	-.0009	-.0022	.0033	.9356	.32350	2.892	0.00000
.599	415.011	.00	21.26	1.0099	-.0167	.0629	-.0012	-.0022	.0032	.9481	.35068	2.703	0.00000
.601	417.235	.00	22.26	1.0305	-.0161	.0561	-.0016	-.0017	.0031	.9607	.37554	2.558	0.00000
.598	413.397	-0.00	23.27	1.0541	-.0155	.0470	-.0022	-.0006	.0032	.9846	.40613	2.424	0.00000
.600	415.690	-0.00	24.07	1.0919	-.0158	.0398	-.0025	-.0004	.0026	1.0045	.43082	2.332	0.00000

## TEST 857

## RUN 43

MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.904	706.282	-0.00	-1.05	-.0395	.0352	-.0254	.0011	.0002	.0013	-.0389	.03589	-1.083	0.00000
.905	707.155	-0.00	-.03	.0312	.0343	-.0287	.0011	.0002	.0016	.0312	.03426	-.911	0.00000
.905	706.945	-0.00	2.17	.1949	.0291	-.0355	.0009	.0001	.0014	.1937	.03649	5.309	0.00000
.905	707.552	-0.00	4.43	.3749	.0214	-.0521	.0012	-.0004	.0026	.3721	.05033	7.394	0.00000
.903	705.937	-0.00	6.73	.5412	.0136	-.0641	.0007	-.0007	.0031	.5360	.07698	6.963	0.00000
.904	706.524	-0.00	7.88	.6223	.0094	-.0672	.0010	-.0009	.0036	.6152	.09455	6.507	0.00000
.903	705.752	-0.00	9.01	.6914	.0041	-.0629	-.0000	-.0010	.0037	.6824	.11233	6.075	0.00000
.905	707.215	-0.00	10.16	.7573	.0019	-.0633	-.0005	-.0011	.0035	.7551	.13721	5.504	0.00000
.905	707.115	-0.00	11.35	.8272	-.0009	-.0583	-.0016	-.0013	.0034	.8115	.16189	5.013	0.00000
.906	707.564	-0.00	12.47	.8793	-.0016	-.0510	-.0027	-.0018	.0037	.8593	.18830	4.554	0.00000
.906	707.698	-0.00	13.63	.9236	-.0017	-.0414	-.0019	-.0015	.0035	.8985	.21595	4.161	0.00000
.907	708.720	-0.00	14.73	.9545	-.0012	-.0321	-.0013	-.0012	.0027	.9240	.24150	3.826	0.00000
.907	708.290	-0.00	15.89	.9862	-.0007	-.0199	-.0006	-.0009	.0015	.9493	.26936	3.524	0.00000
.910	711.346	-0.00	16.97	1.0259	.0007	-.0192	.0001	-.0011	.0023	.9816	.30012	3.271	0.00000
.911	711.563	-0.00	18.06	1.0824	.0032	-.0258	.0011	-.0017	.0038	1.0259	.33866	3.038	0.00000
.906	707.785	-0.00	19.14	1.1029	.0035	-.0200	-.0001	-.0017	.0041	1.0417	.36490	2.855	0.00000

## TEST 857

## RUN 44

MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.798	614.739	-0.00	-.97	-.0381	.0324	-.0258	.0011	-.0000	.0017	-.0375	.03300	-1.137	0.00000
.798	613.948	-0.00	-.01	.0207	.0317	-.0264	.0011	-.0000	.0018	.0207	.03172	.653	0.00000
.798	614.855	-0.00	2.12	.1595	.0264	-.0256	.0006	-.0002	.0020	.1585	.03229	4.908	0.00000
.798	614.922	-0.00	4.28	.3050	.0167	-.0247	.0012	-.0006	.0028	.3029	.03946	7.676	0.00000
.798	614.216	-0.00	6.55	.4577	.0039	-.0231	.0013	-.0010	.0037	.4544	.05608	8.101	0.00000
.798	614.718	-0.00	8.82	.6155	-.0098	-.0229	.0009	-.0015	.0045	.6098	.08465	7.205	0.00000
.798	614.837	-0.00	11.14	.7708	-.0189	-.0173	.0003	-.0019	.0056	.7602	.13041	5.829	0.00000
.800	616.136	-0.00	12.27	.8301	-.0208	-.0101	-.0000	-.0019	.0052	.8159	.15601	5.230	0.00000
.799	615.915	-0.00	13.42	.8841	-.0220	-.0037	.0003	-.0019	.0052	.8655	.18375	4.710	0.00000
.800	616.558	-0.00	14.51	.9180	-.0222	.0074	-.0011	-.0016	.0038	.8947	.20845	4.292	0.00000
.800	616.886	.00	15.66	.9412	-.0211	.0196	-.0004	-.0013	.0014	.9125	.23381	3.903	0.00000
.799	616.967	.00	16.68	.9563	-.0187	.0110	.0000	-.0021	.0025	.9220	.25661	3.593	0.00000
.800	616.320	.00	17.72	.9874	-.0163	.0062	.0004	-.0014	.0023	.9461	.28511	3.319	0.00000
.803	619.479	.00	18.80	1.0104	-.0129	.0038	.0002	-.0016	.0019	.9614	.31337	3.068	0.00000
.802	617.778	.00	19.82	1.0352	-.0093	.0021	-.0004	-.0021	.0021	.9779	.34217	2.858	0.00000
.801	617.003	-0.00	20.82	1.0566	-.0058	.0061	-.0007	-.0014	.0026	.9906	.37014	2.676	0.00000
.803	618.487	.00	21.84	1.0889	-.0040	.0062	-.0009	-.0014	.0025	1.0132	.40135	2.525	0.00000
.802	618.155	.00	22.87	1.1174	-.0031	.0041	-.0007	-.0018	.0024	1.0319	.43136	2.392	0.00000
.803	618.706	.00	23.87	1.1508	-.0024	.0012	-.0007	-.0019	.0031	1.0545	.46341	2.276	0.00000
.803	619.262	-0.00	24.64	1.1779	.0039	.0119	-.0018	-.0020	.0058	1.0430	.48205	2.164	0.00000

TABLE II.- TABULATED RESULTS - Continued

TEST 857												RUN 45	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.698	516.303	-0.00	-0.89	-0.0353	.0313	-0.0258	.0010	-0.0003	.0018	-0.0348	.03182	-1.094	0.00000
.699	517.159	-0.00	-0.02	.0157	.0306	-0.0259	.0008	-0.0003	.0015	.0157	.03063	.513	0.00000
.697	515.356	-0.00	2.07	.1382	.0261	-0.0238	.0005	-0.0004	.0026	.1372	.03103	4.422	0.00000
.697	515.194	-0.00	4.19	.2775	.0164	-0.0209	.0006	-0.0008	.0031	.2755	.03662	7.525	0.00000
.698	516.536	-0.00	6.40	.4177	.0034	-0.0173	.0006	-0.0011	.0037	.4147	.04990	8.312	0.00000
.697	516.052	-0.00	8.63	.5648	-0.0124	-0.0149	.0009	-0.0015	.0047	.5603	.07245	7.734	0.00000
.699	517.219	-0.00	10.90	.7103	-0.0255	-0.0097	.0007	-0.0017	.0054	.7025	.10921	6.432	0.00000
.698	516.321	-0.00	12.03	.7742	-0.0306	-0.0059	.0012	-0.0016	.0053	.7638	.13136	5.815	0.00000
.697	515.999	-0.00	13.17	.8370	-0.0340	-0.0004	.0016	-0.0017	.0050	.8231	.15759	5.223	0.00000
.698	516.170	-0.00	14.27	.8967	-0.0351	.0039	.0009	-0.0018	.0045	.8780	.18705	4.694	0.00000
.699	517.302	.00	15.42	.9217	-0.0344	.0138	.0015	-0.0019	.0008	.8982	.21194	4.238	0.00000
.700	518.292	.00	16.45	.9325	-0.0305	.0191	.0005	-0.0027	.0017	.9035	.23484	3.847	0.00000
.700	518.187	.00	17.48	.9546	-0.0277	.0182	-0.0011	-0.0025	.0027	.9194	.26038	3.531	0.00000
.699	517.487	.00	18.52	.9894	-0.0251	.0150	-0.0014	-0.0024	.0023	.9468	.29055	3.259	0.00000
.701	519.128	.00	19.56	1.0171	-0.0218	.0117	-0.0004	-0.0023	.0027	.9665	.31995	3.021	0.00000
.700	518.808	.00	20.56	1.0286	-0.0178	.0093	-0.0005	-0.0020	.0025	.9701	.34455	2.816	0.00000
.699	517.875	-0.00	21.57	1.0573	-0.0142	.0072	-0.0017	-0.0008	.0028	.9894	.37556	2.634	0.00000
.699	517.803	-0.00	22.60	1.0804	-0.0125	.0104	-0.0021	-0.0011	.0035	1.0032	.40375	2.485	0.00000
.701	519.300	-0.00	23.60	1.1042	-0.0110	.0136	-0.0026	-0.0011	.0043	1.0173	.43192	2.355	0.00000
.700	518.000	-0.00	24.39	1.1236	-0.0103	.0161	-0.0028	-0.0011	.0042	1.0287	.45464	2.263	0.00000

TEST 857												RUN 46	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.600	413.907	-0.00	-0.88	-0.0336	.0310	-0.0263	.0010	-0.0006	.0032	-0.0332	.03153	-1.052	0.00000
.598	412.576	-0.00	-0.01	.0146	.0301	-0.0258	.0007	-0.0006	.0026	.0146	.03005	.487	0.00000
.600	414.884	-0.00	2.02	.1302	.0256	-0.0230	.0006	-0.0006	.0026	.1293	.03017	4.285	0.00000
.600	414.217	-0.00	4.11	.2600	.0162	-0.0188	.0008	-0.0010	.0034	.2581	.03484	7.409	0.00000
.598	412.160	-0.00	6.26	.3873	.0042	-0.0153	.0007	-0.0013	.0036	.3845	.04644	8.281	0.00000
.599	413.511	-0.00	8.46	.5275	-0.0120	-0.0121	.0006	-0.0016	.0043	.5236	.06583	7.954	0.00000
.599	412.931	-0.00	10.67	.6632	-0.0270	-0.0078	.0007	-0.0018	.0058	.6569	.09629	6.821	0.00000
.599	413.155	-0.00	11.76	.7314	-0.0335	-0.0045	.0005	-0.0019	.0056	.7231	.11633	6.216	0.00000
.599	412.824	-0.00	12.92	.7893	-0.0384	.0008	.0001	-0.0021	.0060	.7782	.13904	5.597	0.00000
.599	413.174	-0.00	14.00	.8460	-0.0408	.0066	.0005	-0.0019	.0061	.8311	.16510	5.034	0.00000
.599	413.299	-0.00	15.20	.9114	-0.0430	.0119	-0.0001	-0.0022	.0057	.8912	.19740	4.515	0.00000
.600	414.586	-0.00	16.27	.9581	-0.0440	.0187	-0.0010	-0.0023	.0042	.9326	.22618	4.123	0.00000
.600	414.057	.00	17.30	.9741	-0.0416	.0260	-0.0010	-0.0028	.0024	.9430	.24998	3.772	0.00000
.599	413.280	.00	18.30	.9708	-0.0372	.0270	-0.0013	-0.0022	.0027	.9341	.26946	3.466	0.00000
.598	412.443	.00	19.34	1.0048	-0.0343	.0242	-0.0014	-0.0023	.0034	.9601	.30044	3.196	0.00000
.599	413.692	.00	20.34	1.0359	-0.0300	.0198	-0.0006	-0.0023	.0036	.9825	.33200	2.959	0.00000
.600	414.603	.00	21.33	1.0405	-0.0237	.0150	-0.0011	-0.0019	.0027	.9787	.35637	2.746	0.00000
.599	412.924	.00	22.32	1.0608	-0.0213	.0177	-0.0017	-0.0011	.0027	.9904	.38315	2.585	0.00000
.600	414.662	-0.00	23.32	1.0812	-0.0195	.0196	-0.0023	-0.0009	.0033	1.0016	.41009	2.442	0.00000
.602	416.044	-0.00	24.07	1.1069	-0.0182	.0217	-0.0027	-0.0009	.0041	1.0191	.43492	2.343	0.00000

TEST 857												RUN 47	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.902	702.702	-0.00	-1.02	-0.0370	.0269	-0.0242	.0001	-0.0004	.0022	-0.0365	.02756	-1.326	0.00000
.901	702.200	-0.00	-0.01	.0329	.0262	-0.0267	.0001	-0.0005	.0028	.0329	.02622	1.254	0.00000
.905	705.173	-0.00	2.18	.2044	.0228	-0.0361	.0002	-0.0003	.0030	.2034	.03061	6.645	0.00000
.903	703.721	-0.00	4.46	.3828	.0171	-0.0516	.0005	-0.0004	.0035	.3803	.04687	8.113	0.00000
.904	704.801	-0.00	6.72	.5361	.0154	-0.0610	-0.0003	-0.0006	.0030	.5307	.07800	6.803	0.00000
.904	704.181	-0.00	7.84	.6000	.0146	-0.0577	.0003	-0.0005	.0030	.5925	.09627	6.154	0.00000
.904	704.329	-0.00	11.22	.7460	.0161	-0.0414	.0007	-0.0010	.0027	.7289	.16091	4.530	0.00000
.908	707.628	-0.00	12.32	.8051	.0170	-0.0515	-0.0015	-0.0013	.0048	.7833	.18830	4.160	0.00000
.903	703.447	-0.00	13.47	.8512	.0189	-0.0548	-0.0010	-0.0012	.0042	.8238	.21672	3.802	0.00000
.900	701.459	-0.00	14.56	.9044	.0208	-0.0577	-0.0005	-0.0012	.0035	.8707	.24744	3.519	0.00000
.910	708.705	-0.00	15.77	.9563	.0256	-0.0584	.0041	-0.0001	.0011	.9140	.28458	3.212	0.00000
.909	707.912	-0.00	16.84	.9989	.0279	-0.0613	.0037	-0.0002	.0003	.9487	.31603	3.002	0.00000
.903	703.470	-0.00	17.83	.9789	.0318	-0.0551	-0.0008	-0.0001	.0020	.9229	.33003	2.797	0.00000

TEST 857												RUN 48	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.797	611.747	-0.00	-1.04	-0.0415	.0245	-0.0242	.0001	-0.0005	.0028	-0.0411	.02524	-1.627	0.00000
.796	611.171	-0.00	-0.04	.0211	.0241	-0.0242	-0.0001	-0.0005	.0030	.0211	.02413	.875	0.00000
.800	614.353	-0.00	2.09	.1617	.0206	-0.0240	.0001	-0.0003	.0027	.1608	.02645	6.081	0.00000
.799	613.254	-0.00	4.27	.3122	.0127	-0.0249	-0.0001	-0.0002	.0031	.3104	.03591	8.642	0.00000
.797	611.847	-0.00	6.52	.4657	.0059	-0.0272	-0.0003	-0.0003	.0030	.4621	.05870	7.872	0.00000
.796	611.008	-0.00	8.82	.6096	.0018	-0.0272	-0.0004	-0.0003	.0024	.6022	.09529	6.320	0.00000
.800	614.523	-0.00	11.03	.7294	.0033	-0.0263	.0001	-0.0005	.0019	.7156	.14281	5.011	0.00000
.799	613.346	-0.00	12.12	.7571	.0041	-0.0195	-0.0001	-0.0008	.0033	.7396	.16294	4.539	0.00000
.797	612.019	-0.00	13.24	.8043	.0071	-0.0252	-0.0007	-0.0007	.0031	.7817	.19114	4.090	0.00000
.797	612.025	-0.00	14.33	.8451	.0090	-0.0256	-0.0010	-0.0004	.0026	.8170	.21783	3.751	0.00000
.798	612.864	-0.00	15.48	.8750	.0121	-0.0243	-0.0007	-0.0004	.0020	.8406	.24510	3.429	0.00000
.799	613.333	-0.00	16.52	.8967	.0149	-0.0254	-0.0007	-0.0003	.0020	.8560	.26930	3.179	0.00000
.802	616.268	-0.00	17.49	.8701	.0218	-0.0174	-0.0012	-0.0002	.0010	.8239	.28230	2.919	0.00000
.799	613.863	-0.00	18.53	.8954	.0249	-0.0197	-0.0018	-0.0004	.0013	.8417	.30826	2.730	0.00000
.804	618.178	-0.00	19.59	.9254	.0274	-0.0225	-0.0017	-0.0002	.0016	.8633	.33612	2.569	0.00000
.800	613.944	-0.00	20.60	.9498	.0279	-0.0225	-0.0021	-0.0005	.0017	.8801	.36025	2.443	0.00000
.800	614.424	-0.00	21.64	.9919	.0294	-0.0250	-0.0017	-0.0004	.0019	.9120	.39322	2.319	0.00000
.799	613.838	-0.00	22.66	1.0229	.0297	-0.0238	-0.0014	-0.0001	.0023	.9334	.42157	2.214	0.00000
.803	616.710	-0.00	23.69	1.0595	.0298	-0.0233	-0.0012	-0.0004	.0028	.9593	.45296	2.118	0.00000
.799	613.389	-0.00	24.47	1.0740	.0290	-0.0211	-0.0017	-0.0001	.0029	.9666	.47121	2.051	0.00000

TABLE II.- TABULATED RESULTS - Continued

TEST 857													RUN 49	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG	
.701	518.290	-0.00	-0.96	-.0384	.0236	-.0240	-.0001	-.0007	.0028	-.0380	.02429	-1.563	0.00000	
.701	518.050	-0.00	.23	.0329	.0231	-.0229	-.0000	-.0007	.0030	.0328	.02319	1.415	0.00000	
.699	516.498	-0.00	2.05	.1471	.0199	-.0212	-.0002	-.0006	.0037	.1463	.02516	5.813	0.00000	
.700	516.897	-0.00	4.19	.2823	.0120	-.0207	-.0005	-.0005	.0029	.2807	.03254	8.626	0.00000	
.698	514.865	-0.00	6.42	.4307	.0034	-.0213	-.0003	-.0005	.0029	.4277	.05156	8.296	0.00000	
.698	514.935	-0.00	8.58	.5667	-.0023	-.0203	-.0005	-.0006	.0032	.5608	.08232	6.813	0.00000	
.698	514.939	-0.00	8.60	.5689	-.0024	-.0205	-.0004	-.0006	.0027	.5629	.08270	6.807	0.00000	
.699	515.974	-0.00	10.82	.6877	-.0036	-.0170	.0000	-.0007	.0034	.6764	.12553	5.388	0.00000	
.701	517.934	-0.00	11.96	.7305	-.0023	-.0147	.0017	-.0006	.0016	.7154	.14906	4.799	0.00000	
.699	516.544	-0.00	13.08	.7690	-.0014	-.0121	.0008	-.0012	.0030	.7497	.17260	4.344	0.00000	
.699	516.258	-0.00	14.17	.8129	.0002	-.0121	-.0027	-.0011	.0050	.7885	.19928	3.957	0.00000	
.700	517.484	-0.00	15.32	.8586	.0018	-.0121	-.0002	-.0005	.0023	.8378	.23124	3.623	0.00000	
.699	515.977	-0.00	16.43	.8925	.0044	-.0100	-.0004	-.0004	.0029	.8554	.25677	3.331	0.00000	
.701	517.893	-0.00	17.38	.9154	.0073	-.0106	-.0012	.0002	.0015	.8721	.28032	3.111	0.00000	
.701	518.325	-0.00	18.37	.8813	.0158	-.0075	-.0021	.0006	.0011	.8320	.29274	2.842	0.00000	
.702	518.911	-0.00	19.40	.8936	.0192	-.0091	-.0022	.0007	.0014	.8371	.31486	2.659	0.00000	
.701	518.175	-0.00	20.40	.9181	.0209	-.0099	-.0023	.0008	.0022	.8540	.33951	2.515	0.00000	
.704	520.988	-0.00	21.40	.9498	.0224	-.0106	-.0023	.0005	.0023	.8769	.36737	2.387	0.00000	
.701	518.133	-0.00	22.39	.9754	.0228	-.0082	-.0014	.0001	.0019	.8941	.39253	2.278	0.00000	
.702	518.909	-0.00	23.43	1.0019	.0229	-.0058	-.0010	-.0004	.0020	.9111	.41936	2.173	0.00000	
.704	520.930	-0.00	24.14	1.0130	.0226	-.0045	-.0011	-.0001	.0020	.9161	.43483	2.107	0.00000	

TEST 857													RUN 50	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG	
.600	413.328	-0.00	-.93	-.0355	.0235	-.0237	-.0001	-.0008	.0034	-.0351	.02411	-1.458	0.00000	
.599	412.579	-0.00	.02	.0172	.0229	-.0222	-.0001	-.0008	.0035	.0172	.02291	.752	0.00000	
.601	414.063	-0.00	2.10	.1406	.0193	-.0200	-.0002	-.0007	.0037	.1398	.02443	5.722	0.00000	
.600	413.160	-0.00	4.10	.2657	.0116	-.0181	-.0001	-.0006	.0034	.2642	.03054	8.652	0.00000	
.600	413.029	-0.00	6.26	.3993	.0026	-.0184	-.0003	-.0006	.0033	.3967	.04613	8.600	0.00000	
.599	412.448	-0.00	8.44	.5355	-.0050	-.0177	-.0005	-.0007	.0035	.5305	.07358	7.210	0.00000	
.599	411.862	-0.00	10.68	.6702	-.0081	-.0158	-.0002	-.0007	.0043	.6603	.11620	5.683	0.00000	
.597	410.621	-0.00	11.74	.7178	-.0095	-.0124	-.0000	-.0007	.0035	.7050	.13669	5.158	0.00000	
.601	413.969	-0.00	12.90	.7656	-.0086	-.0090	.0015	-.0008	.0022	.7485	.16249	4.607	0.00000	
.600	413.581	-0.00	13.87	.8032	-.0073	-.0104	-.0008	-.0015	.0047	.7819	.18549	4.215	0.00000	
.601	413.978	-0.00	15.10	.8579	-.0057	-.0090	-.0013	-.0006	.0044	.8302	.21797	3.809	0.00000	
.601	413.866	-0.00	16.20	.9002	-.0045	-.0016	-.0004	-.0005	.0040	.8662	.24679	3.510	0.00000	
.600	413.420	-0.00	17.19	.9346	-.0024	.0013	-.0011	-.0002	.0032	.8941	.27399	3.263	0.00000	
.600	412.978	-0.00	18.23	.9472	.0006	.0007	-.0011	-.0001	.0024	.9001	.29689	3.032	0.00000	
.600	413.118	-0.00	19.20	.9149	.0104	-.0032	-.0006	-.0003	.0023	.8612	.31070	2.772	0.00000	
.601	414.585	-0.00	20.20	.9209	.0150	-.0058	-.0017	.0005	.0022	.8597	.33208	2.589	0.00000	
.601	414.636	-0.00	21.15	.9381	.0172	-.0061	-.0018	.0005	.0022	.8694	.35447	2.453	0.00000	
.601	414.699	-0.00	22.21	.9633	.0179	-.0041	-.0011	.0002	.0018	.8859	.38064	2.327	0.00000	
.603	416.024	-0.00	23.25	.9960	.0186	-.0011	-.0009	-.0001	.0026	.9087	.41023	2.215	0.00000	
.602	414.707	-0.00	23.96	1.0117	.0184	.0012	-.0010	.0002	.0023	.9180	.42769	2.146	0.00000	

TEST 857							RUN 51						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.903	700.943	3.94	-1.00	-.0194	.0280	-.0462	.0018	-.0091	.0561	-.0189	.02829	-.669	0.00000
.905	702.990	-4.06	-.00	.0530	.0277	-.0501	.0031	-.0088	.0555	.0530	.02765	1.917	0.00000
.910	706.683	-4.06	2.25	.2304	.0249	-.0656	.0067	-.0086	.0555	.2293	.03394	6.755	0.00000
.897	696.665	-4.05	4.50	.3928	.0173	-.0756	.0093	-.0086	.0541	.3903	.04812	8.111	0.00000
.906	704.020	-4.04	6.77	.5563	.0175	-.0903	.0074	-.0095	.0546	.5504	.08291	6.639	0.00000
.905	703.202	-4.02	9.05	.6812	.0169	-.0898	.0036	-.0096	.0537	.6703	.12383	5.413	0.00000
.907	704.562	-3.99	11.28	.7746	.0192	-.0877	.0062	-.0081	.0484	.7562	.17040	4.438	0.00000
.910	706.661	-3.98	12.43	.8324	.0205	-.0916	.0044	-.0071	.0481	.8089	.19922	4.060	0.00000
.904	701.977	-3.97	13.52	.8841	.0202	-.0999	.0087	-.0057	.0475	.8554	.22630	3.780	0.00000
.911	707.549	-3.96	14.64	.9336	.0231	-.1013	.0056	-.0046	.0463	.8980	.25834	3.476	0.00000
.910	706.892	-3.94	15.82	.9898	.0252	-.1098	.0074	-.0025	.0442	.9461	.29400	3.218	0.00000
.911	707.296	-3.92	16.93	1.0294	.0287	-.1177	.0113	-.0018	.0423	.9772	.32721	2.987	0.00000
.911	707.467	-3.91	18.00	1.0825	.0311	-.1302	.0122	-.0011	.0409	1.0209	.36411	2.804	0.00000
.908	705.668	-3.89	19.05	1.1056	.0334	-.1357	.0120	-.0000	.0388	1.0351	.39245	2.638	0.00000

TEST 857							RUN 52						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG
.797	609.732	-4.05	-.92	-.0174	.0253	-.0436	.0017	-.0088	.0556	-.0169	.02559	-.662	0.00000
.798	610.491	-4.05	.10	.0476	.0248	-.0457	.0027	-.0086	.0548	.0475	.02484	1.914	0.00000
.798	610.779	-4.05	2.17	.1858	.0208	-.0503	.0052	-.0042	.0540	.1849	.02780	6.651	0.00000
.798	611.314	-4.04	4.36	.3410	.0132	-.0575	.0074	-.0082	.0532	.3390	.03908	8.675	0.00000
.800	612.686	-4.03	6.57	.5017	.0069	-.0650	.0087	-.0087	.0523	.4977	.06434	7.735	0.00000
.800	613.084	-4.01	8.89	.6505	.0042	-.0706	.0089	-.0087	.0510	.6422	.10470	6.134	0.00000
.800	613.334	-3.99	11.14	.7505	.0057	-.0735	.0110	-.0077	.0477	.7355	.15056	4.885	0.00000
.799	612.531	-3.98	12.19	.7937	.0074	-.0758	.0081	-.0062	.0478	.7746	.17477	4.432	0.00000
.799	611.797	-3.96	13.31	.8385	.0075	-.0763	.0085	-.0050	.0462	.8147	.20038	4.066	0.00000
.801	613.894	-3.95	14.42	.8830	.0096	-.0782	.0103	-.0041	.0448	.8533	.22924	3.722	0.00000
.802	615.027	-3.93	15.55	.9184	.0121	-.0783	.0106	-.0030	.0428	.8822	.25785	3.421	0.00000
.800	613.296	-3.92	16.64	.9461	.0149	-.0790	.0097	-.0019	.0410	.9028	.28520	3.166	0.00000
.801	613.647	-3.89	17.57	.9052	.0216	-.0726	.0078	-.0013	.0371	.8571	.29374	2.918	0.00000
.797	609.997	-3.87	18.59	.9244	.0237	-.0808	.0065	-.0008	.0329	.8693	.31718	2.741	0.00000
.799	612.317	-3.85	19.65	.9608	.0258	-.0912	.0061	.0025	.0295	.8970	.34740	2.582	0.00000
.804	616.107	-3.83	20.67	1.0100	.0276	-.1030	.0067	.0031	.0283	.9361	.38234	2.448	0.00000
.802	614.362	-3.81	21.74	1.0557	.0283	-.1146	.0072	.0043	.0267	.9711	.41728	2.327	0.00000
.802	614.648	-3.79	22.76	1.1099	.0287	-.1260	.0079	.0053	.0246	1.0135	.45585	2.223	0.00000
.805	617.039	-3.76	23.80	1.1587	.0281	-.1357	.0093	.0053	.0241	1.0501	.49329	2.129	0.00000

TABLE II.- TABULATED RESULTS - Continued

TEST 857													RUN 53	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG	
.699	514.960	-4.04	-1.88	-.0181	.0244	-.0419	.0016	-.0086	.0545	-.0177	.02466	-.718	0.00000	
.700	515.341	-4.04	.12	.0438	.0239	-.0437	.0024	-.0085	.0545	.0437	.02402	1.819	0.00000	
.701	517.204	-4.04	2.10	.1672	.0203	-.0471	.0044	-.0082	.0532	.1664	.02639	6.304	0.00000	
.697	512.314	-4.03	4.24	.3098	.0123	-.0527	.0065	-.0080	.0526	.3080	.03518	8.757	0.00000	
.698	513.403	-4.02	6.48	.4653	.0040	-.0599	.0081	-.0083	.0523	.4619	.05648	8.178	0.00000	
.699	514.273	-4.00	8.70	.6059	-.0007	-.0639	.0093	-.0080	.0496	.5991	.09095	6.588	0.00000	
.699	514.778	-3.98	10.93	.7219	-.0015	-.0681	.0118	-.0075	.0470	.7093	.13548	5.236	0.00000	
.698	514.219	-3.97	12.00	.7729	-.0018	-.0688	.0109	-.0074	.0474	.7567	.15892	4.761	0.00000	
.701	516.500	-3.95	13.14	.8292	-.0018	-.0695	.0109	-.0068	.0471	.8083	.18672	4.329	0.00000	
.700	515.582	-3.94	14.21	.8643	-.0012	-.0674	.0091	-.0055	.0460	.8386	.21109	3.973	0.00000	
.699	514.319	-3.92	15.39	.9099	.0016	-.0700	.0091	-.0034	.0439	.8773	.24304	3.610	0.00000	
.700	516.101	-3.91	16.47	.9426	.0040	-.0694	.0082	-.0023	.0418	.9034	.27103	3.333	0.00000	
.700	516.082	-3.89	17.47	.9610	.0082	-.0710	.0081	-.0016	.0400	.9149	.29634	3.087	0.00000	
.701	516.926	-3.86	18.46	.9516	.0145	-.0731	.0141	-.0044	.0396	.8987	.31508	2.852	0.00000	
.701	516.417	-3.85	19.46	.9442	.0192	-.0794	.0054	.0015	.0315	.8846	.33268	2.659	0.00000	
.701	516.708	-3.83	20.42	.9708	.0209	-.0873	.0048	.0033	.0283	.9033	.35830	2.521	0.00000	
.701	516.552	-3.80	21.43	1.0096	.0221	-.0978	.0050	.0044	.0270	.9326	.38937	2.395	0.00000	
.701	516.816	-3.78	22.51	1.0549	.0224	-.1091	.0056	.0054	.0250	.9670	.42450	2.278	0.00000	
.703	518.341	-3.76	23.51	1.1010	.0223	-.1183	.0061	.0065	.0235	1.0019	.45961	2.180	0.00000	
TEST 857													RUN 54	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG	
.904	701.069	-4.06	-.67	.0027	.0362	-.0472	.0034	-.0093	.0575	.0031	.03617	.086	0.00000	
.905	702.038	-4.06	.02	.0513	.0356	-.0494	.0038	-.0093	.0572	.0513	.03559	1.442	0.00000	
.905	701.411	-4.06	2.19	.2149	.0317	-.0602	.0060	-.0095	.0580	.2135	.03991	5.351	0.00000	
.906	702.182	-4.05	4.47	.4002	.0241	-.0807	.0089	-.0103	.0587	.3972	.05525	7.188	0.00000	
.904	701.077	-4.04	6.76	.5668	.0158	-.0936	.0068	-.0110	.0584	.5611	.08235	6.814	0.00000	
.904	700.704	-4.02	9.12	.7221	.0063	-.0963	.0073	-.0106	.0573	.7122	.12069	5.901	0.00000	
.903	699.919	-4.00	11.34	.8517	.0013	-.0928	.0083	-.0090	.0536	.8352	.16870	4.951	0.00000	
.904	700.565	-3.98	12.46	.9009	-.0001	-.0902	.0067	-.0086	.0524	.8802	.19422	4.532	0.00000	
.905	701.399	-3.97	13.63	.9558	-.0006	-.0898	.0081	-.0081	.0528	.9295	.22471	4.137	0.00000	
.905	701.994	-3.96	14.71	1.0023	-.0011	-.0884	.0100	-.0070	.0505	.9704	.25351	3.828	0.00000	
TEST 857													RUN 55	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG	
.796	607.862	-4.05	-.93	-.0181	.0326	-.0430	.0030	-.0092	.0575	-.0175	.03287	-.533	0.00000	
.797	609.192	-4.05	.03	.0420	.0319	-.0451	.0035	-.0092	.0571	.0420	.03189	1.317	0.00000	
.798	610.034	-4.05	2.17	.1836	.0268	-.0485	.0054	-.0093	.0572	.1824	.03376	5.404	0.00000	
.796	607.685	-4.04	4.27	.3224	.0171	-.0511	.0076	-.0094	.0560	.3202	.04106	7.800	0.00000	
.798	609.948	-4.03	6.55	.4908	.0042	-.0573	.0104	-.0100	.0561	.4872	.06010	8.106	0.00000	
.796	608.331	-4.01	8.91	.6515	-.0098	-.0602	.0113	-.0097	.0547	.6453	.09124	7.073	0.00000	
.797	609.072	-3.99	11.17	.7900	-.0183	-.0590	.0105	-.0087	.0527	.7789	.13515	5.763	0.00000	
.793	605.363	-3.98	12.26	.8462	-.0216	-.0566	.0103	-.0079	.0513	.8318	.15865	5.243	0.00000	
.797	608.694	-3.96	13.42	.9048	-.0221	-.0519	.0081	-.0072	.0506	.8856	.18852	4.698	0.00000	
.799	610.717	-3.95	14.52	.9463	-.0210	-.0433	.0056	-.0067	.0497	.9218	.21693	4.250	0.00000	
.799	610.246	-3.92	15.68	.9477	-.0185	-.0376	.0122	-.0069	.0450	.9180	.23828	3.853	0.00000	
.799	610.732	-3.91	16.72	.9923	-.0172	-.0426	.0126	-.0064	.0443	.9559	.26897	3.554	0.00000	
.799	610.882	-3.89	17.77	1.0172	-.0138	-.0489	.0122	-.0057	.0426	.9736	.29727	3.275	0.00000	
.800	611.173	-3.87	18.81	1.0446	-.0112	-.0578	.0133	-.0054	.0419	.9933	.32619	3.045	0.00000	
.803	614.095	-3.85	19.85	1.0793	-.0083	-.0731	.0156	-.0038	.0391	1.0189	.35861	2.841	0.00000	
.802	613.251	-3.83	20.84	1.1094	-.0064	-.0839	.0155	-.0027	.0368	1.0401	.38877	2.675	0.00000	
.801	612.941	-3.81	21.84	1.1478	-.0040	-.0939	.0143	-.0017	.0348	1.0680	.42332	2.523	0.00000	
.801	612.969	-3.78	22.89	1.1851	-.0014	-.1005	.0090	.0004	.0327	1.0936	.45960	2.379	0.00000	
.803	614.258	-3.74	24.62	1.2555	.0020	-.1192	.0135	.0011	.0301	1.1420	.52487	2.176	0.00000	
TEST 857													RUN 56	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	WSG	
.697	511.852	-4.04	-.85	-.0149	.0317	-.0417	.0025	-.0089	.0563	-.0145	.03188	-.453	0.00000	
.699	513.479	-4.04	.04	.0385	.0310	-.0433	.0030	-.0089	.0561	.0384	.03099	1.240	0.00000	
.699	513.625	-4.04	2.07	.1596	.0259	-.0450	.0042	-.0090	.0556	.1586	.03166	5.009	0.00000	
.699	513.545	-4.03	4.22	.3050	.0165	-.0479	.0069	-.0091	.0554	.3030	.03887	7.794	0.00000	
.698	512.711	-4.02	6.42	.4482	.0030	-.0508	.0090	-.0093	.0551	.4451	.05314	8.375	0.00000	
.698	512.858	-4.01	8.64	.5986	-.0123	-.0543	.0115	-.0088	.0530	.5938	.07779	7.634	0.00000	
.697	511.924	-3.98	10.92	.7387	-.0251	-.0533	.0119	-.0084	.0527	.7303	.11530	6.334	0.00000	
.698	512.737	-3.97	12.05	.8087	-.0298	-.0530	.0126	-.0078	.0517	.7974	.13961	5.712	0.00000	
.697	511.954	-3.96	13.21	.8755	-.0330	-.0510	.0135	-.0073	.0511	.8602	.16796	5.121	0.00000	
.698	512.509	-3.94	14.33	.9288	-.0346	-.0462	.0137	-.0069	.0501	.9089	.19639	4.628	0.00000	
.699	513.891	-3.92	15.48	.9486	-.0324	-.0375	.0148	-.0078	.0459	.9234	.22189	4.161	0.00000	
.698	512.231	-3.90	16.54	.9739	-.0293	-.0366	.0136	-.0077	.0442	.9425	.24914	3.783	0.00000	
.698	512.918	-3.88	17.59	1.0022	-.0265	-.0508	.0126	-.0043	.0427	.9640	.27750	3.474	0.00000	
.702	516.139	-3.87	18.60	1.0344	-.0227	-.0562	.0135	-.0037	.0423	.9884	.30843	3.205	0.00000	
.699	513.216	-3.85	19.57	1.0572	-.0208	-.0620	.0134	-.0023	.0389	1.0039	.33459	3.000	0.00000	
.696	510.767	-3.82	20.60	1.0792	-.0185	-.0697	.0134	-.0016	.0357	1.0177	.36228	2.809	0.00000	
.701	515.296	-3.80	21.60	1.1241	-.0151	-.0789	.0138	-.0012	.0350	1.0517	.39975	2.631	0.00000	
.700	514.283	-3.78	22.56	1.1516	-.0130	-.0858	.0125	.0003	.0336	1.0696	.42988	2.488	0.00000	
.693	507.450	-3.73	24.34	1.2095	-.0125	-.1004	.0114	.0037	.0274	1.1085	.48718	2.275	0.00000	

TABLE II.- TABULATED RESULTS - Continued

TEST 873						RUN 1						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.903	715.363	-.01	.02	.0355	.0323	-.0518	.0012	.0006	.0010	.0355	.03232	1.097
.904	716.344	-.01	-1.96	-.1126	.0345	-.0426	.0016	.0008	.0005	-.1113	.03830	-2.906
.905	716.971	-.01	.03	.0356	.0325	-.0520	.0015	.0005	.0013	.0356	.03253	1.094
.903	715.630	-.01	2.26	.1956	.0278	-.0604	.0016	.0006	.0011	.1944	.03545	5.483
.903	715.315	-.01	4.54	.3881	.0198	-.0798	.0017	.0005	.0021	.3854	.05041	7.646
.903	715.848	-.01	6.86	.5701	.0115	-.0985	.0015	.0005	.0016	.5647	.07949	7.104
.902	715.314	-.01	9.18	.7270	.0019	-.0993	.0008	.0003	.0019	.7176	.11784	6.089
.904	716.219	-.01	10.34	.7959	-.0017	-.0983	.0012	.0004	.0004	.7836	.14116	5.551
.904	716.132	-.00	11.51	.8583	-.0041	-.0949	.0014	.0003	.0006	.8422	.16731	5.034
.905	717.469	-.00	12.65	.9212	-.0046	-.0925	.0006	.0004	.0003	.9003	.19723	4.564
.908	719.859	-.00	13.82	.9771	-.0043	-.0918	.0001	.0001	.0007	.9504	.22927	4.145
.906	717.638	-.00	14.91	1.0201	-.0049	-.0908	-.0002	.0002	.0004	.9876	.25780	3.831
.905	717.099	.00	16.10	1.0618	-.0047	-.0913	.0019	-.0002	.0005	1.0222	.28994	3.525
.898	711.106	-.00	17.08	1.0667	-.0057	-.0878	.0014	-.0001	-.0000	1.0222	.30779	3.321

TEST 873							RUN 2						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.600	420.643	-.00	-1.10	.0253	.0299	-.0429	.0010	.0003	.0017	.0254	.02985	.850	
.600	420.329	-.00	-1.93	-.0942	.0308	-.0385	.0013	.0003	.0019	-.0931	.03396	-2.742	
.601	421.218	-.00	-.07	.0229	.0299	-.0432	.0010	.0003	.0018	.0229	.02986	.768	
.600	420.958	-.00	1.97	.1424	.0249	-.0448	.0008	.0002	.0022	.1414	.02979	4.748	
.599	419.881	-.00	4.10	.2772	.0162	-.0472	.0009	.0000	.0028	.2754	.03596	7.657	
.600	420.226	-.00	6.28	.4185	.0035	-.0497	.0012	.0001	.0026	.4157	.04928	8.435	
.600	420.090	-.00	8.45	.5618	-.0129	-.0538	.0014	-.0002	.0026	.5577	.06987	7.982	
.600	420.622	-.00	9.57	.6326	-.0206	-.0547	.0011	-.0003	.0022	.6273	.08479	7.398	
.600	420.343	-.00	10.69	.7025	-.0280	-.0562	.0008	-.0003	.0026	.6957	.10278	6.768	
.600	420.406	-.00	11.79	.7698	-.0345	-.0543	.0009	-.0004	.0029	.7608	.12349	6.161	
.600	420.501	-.00	12.97	.8372	-.0391	-.0523	.0008	-.0005	.0031	.8250	.14985	5.505	
.599	419.618	-.00	14.09	.9002	-.0415	-.0499	.0019	-.0003	.0026	.8836	.17897	4.937	
.600	420.909	.00	15.27	.9641	-.0437	-.0481	.0022	-.0011	.0033	.9420	.21176	4.449	
.600	420.794	.01	16.33	1.0082	-.0442	-.0453	.0004	-.0020	.0018	.9806	.24095	4.070	
.600	420.606	.02	17.34	1.0343	-.0420	-.0466	.0027	-.0037	.0019	1.0005	.26824	3.730	
.599	419.764	.01	18.38	1.0541	-.0394	-.0463	-.0025	-.0027	.0026	1.0135	.29501	3.435	
.600	420.505	.00	19.39	1.0818	-.0370	-.0531	-.0034	-.0008	.0008	1.0335	.32428	3.187	
.600	420.931	-.00	20.41	1.1112	-.0330	-.0614	-.0033	.0000	.0005	1.0539	.35664	2.955	
.602	422.866	.00	21.42	1.1340	-.0271	-.0730	-.0014	-.0015	.0017	1.0666	.38894	2.742	
.601	421.030	.00	22.42	1.1591	-.0257	-.0775	-.0015	-.0012	.0016	1.0824	.41825	2.588	
.601	421.290	.00	23.42	1.1924	-.0247	-.0848	-.0010	-.0011	.0014	1.1052	.45138	2.448	
.600	420.876	.00	24.33	1.2274	-.0239	-.0927	-.0005	-.0016	.0020	1.1296	.48389	2.334	

TEST 873						RUN 3						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.904	715.923	-.01	-.03	.0208	.0422	-.0726	.0012	.0034	.0009	.0208	.04215	.494
.903	715.147	-.01	-2.16	-.1468	.0489	-.0649	.0011	.0003	.0013	-.1448	.05439	-2.663
.902	714.707	-.01	-.07	.0163	.0426	-.0727	.0012	.0005	.0005	.0163	.04259	.383
.905	716.876	-.01	2.18	.1951	.0329	-.0789	.0013	.0005	.0007	.1937	.04029	4.808
.903	715.159	-.01	4.49	.3866	.0216	-.0920	.0015	.0004	.0016	.3838	.05180	7.409
.903	714.886	-.01	6.82	.5568	.0123	-.0994	.0007	.0003	.0018	.5515	.07830	7.044
.905	716.612	-.00	9.22	.7063	.0017	-.0913	.0004	.0001	.0011	.6970	.11493	6.065
.905	717.062	-.00	10.35	.7700	-.0034	-.0856	-.0008	.0002	-.0000	.7583	.13493	5.620
.903	715.308	-.00	11.55	.8365	-.0077	-.0805	-.0009	.0000	.0005	.8214	.15995	5.135
.905	717.192	-.00	12.68	.8949	-.0101	-.0755	-.0013	.0002	.0005	.8757	.18657	4.694
.905	716.927	-.00	13.90	.9584	-.0123	-.0735	-.0010	.0003	-.0002	.9338	.21822	4.280
.905	716.316	-.00	14.97	1.0050	-.0137	-.0710	-.0003	.0004	.0001	.9750	.24647	3.956
.904	715.481	-.00	16.16	1.0514	-.0145	-.0728	.0006	.0004	-.0002	1.0146	.27878	3.639
.899	710.733	-.00	17.21	1.0831	-.0149	-.0721	.0008	.0001	-.0002	1.0398	.30616	3.396

TEST 873												
RUN 4												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.601	422.042	-.00	-.08	.0047	.0387	-.0566	.0007	.0002	.0005	.0048	.03866	.124
.600	421.262	-.00	-1.95	-.1239	.0440	-.0546	.0003	.0002	-.0003	-.1224	.04814	-2.542
.602	423.107	-.00	-.06	.0034	.0385	-.0565	.0007	.0002	.0005	.0034	.03849	.088
.602	423.651	-.00	2.04	.1397	.0299	-.0566	.0007	.0001	.0005	.1386	.03487	3.975
.603	424.287	-.00	4.13	.2762	.0177	-.0567	.0007	.0001	.0010	.2742	.03758	7.296
.601	422.384	-.00	6.33	.4188	.0022	-.0561	.0005	-.0000	.0013	.4160	.04839	8.596
.602	423.231	-.00	8.53	.5634	-.0160	-.0555	.0007	-.0002	.0009	.5596	.06782	8.252
.601	422.267	-.00	9.62	.6316	-.0250	-.0556	.0002	-.0004	.0013	.6270	.08093	7.747
.601	422.391	-.00	10.79	.7085	-.0346	-.0546	-.0001	-.0003	.0017	.7026	.09864	7.123
.600	421.951	-.00	11.89	.7736	-.0423	-.0529	-.0001	-.0002	.0012	.7660	.11802	6.490
.600	421.195	-.00	13.04	.8455	-.0503	-.0521	-.0004	-.0000	.0007	.8353	.14173	5.893
.601	422.029	-.00	14.13	.9085	-.0559	-.0521	-.0000	-.0001	.0010	.8951	.16748	5.344
.600	421.319	-.00	15.33	.9743	-.0608	-.0498	.0006	-.0001	.0007	.9562	.19890	4.807
.600	421.941	-.00	16.42	1.0233	-.0632	-.0443	.0008	-.0001	.0006	1.0000	.22860	4.375
.600	421.251	-.00	17.48	1.0705	-.0651	-.0403	.0013	-.0001	.0005	1.0413	.25938	4.015
.599	420.575	-.00	18.54	1.1080	-.0639	-.0366	.0016	-.0002	-.0004	1.0716	.29177	3.673
.600	421.161	.00	19.56	1.1298	-.0597	-.0307	.0020	-.0002	-.0014	1.0855	.32194	3.372
.600	421.511	.00	20.57	1.1441	-.0540	-.0273	.0014	-.0005	-.0004	1.0911	.35145	3.105
.601	422.366	.01	21.54	1.1540	-.0454	-.0367	.0047	-.0030	.0003	1.0911	.38148	2.860
.600	421.046	.00	22.53	1.2056	-.0460	-.0377	.0020	-.0009	.0010	1.1323	.41957	2.699
.600	421.750	.01	23.54	1.2377	-.0433	-.0391	.0001	-.0015	.0003	1.1533	.45472	2.536
.602	423.279	.01	24.56	1.2723	-.0417	-.0829	-.0016	-.0020	.0003	1.1760	.49088	2.396



TABLE II.- TABULATED RESULTS - Continued

TEST 873						RUN 5						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.904	714.873	-.01	.11	.0369	.0333	-.0571	.0013	.0005	.0005	.0368	.03341	1.101
.901	713.030	-.01	-1.74	-.1044	.0363	-.0494	.0014	.0005	.0007	-.1033	.03946	-2.617
.905	715.629	-.01	.15	.0349	.0332	-.0566	.0015	.0006	.0005	.0348	.03333	1.045
.905	715.726	-.01	2.39	.2023	.0276	-.0649	.0018	.0006	.0009	.2010	.03596	5.589
.905	715.801	-.01	4.67	.3754	.0193	-.0817	.0013	.0005	.0005	.3726	.04973	7.494
.905	716.067	-.01	6.99	.5581	.0119	-.1008	.0010	.0004	.0012	.5526	.07974	6.930
.907	718.010	-.00	9.35	.7136	.0035	-.1014	.0008	.0002	.0006	.7038	.11940	5.894
.905	715.787	-.00	10.49	.7806	-.0012	-.0964	.0005	.0003	.0001	.7681	.14093	5.450
.906	716.824	-.00	11.69	.8482	-.0034	-.0925	.0005	.0004	-.0002	.8316	.16858	4.933
.907	717.336	-.00	12.75	.8890	-.0042	-.0840	.0012	.0002	-.0002	.8684	.19219	4.519
.907	717.806	-.00	13.93	.9360	-.0047	-.0790	-.0006	.0004	-.0005	.9101	.22076	4.123
.911	720.500	-.00	15.04	1.0125	-.0022	-.0964	-.0008	.0002	-.0003	.9791	.26063	3.757
.907	717.803	-.00	16.19	1.0371	-.0034	-.0924	.0002	.0001	-.0010	.9976	.28595	3.489
.908	718.054	-.00	17.27	1.0881	-.0032	-.1014	-.0004	.0005	-.0007	1.0408	.32003	3.252
.908	718.609	-.01	18.31	1.1351	-.0014	-.1114	-.0007	.0008	-.0005	1.0791	.35527	3.037

TEST 873						RUN 6						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.600	420.604	-.00	.00	.0206	.0294	-.0458	.0009	.0002	.0016	.0206	.02944	.699
.600	419.968	-.00	-1.79	-.0937	.0317	-.0440	.0010	.0002	.0022	-.0927	.03461	-2.678
.600	420.109	-.00	-.01	.0200	.0296	-.0459	.0010	.0001	.0020	.0200	.02957	.678
.600	420.174	-.00	2.05	.1447	.0241	-.0477	.0009	.0002	.0017	.1438	.02926	4.913
.600	420.008	-.00	4.15	.2765	.0152	-.0500	.0011	.0002	.0013	.2747	.03517	7.810
.601	420.845	-.00	6.35	.4194	.0018	-.0536	.0011	.0002	.0010	.4167	.04818	8.649
.600	420.458	-.00	8.53	.5617	-.0154	-.0551	.0012	-.0001	.0016	.5578	.06812	8.189
.601	420.828	-.00	9.67	.6339	-.0241	-.0560	.0007	-.0001	.0019	.6290	.08271	7.605
.601	421.124	-.00	10.78	.7047	-.0316	-.0560	.0010	-.0001	.0020	.6983	.10069	6.935
.601	421.108	-.00	11.89	.7716	-.0378	-.0541	.0015	-.0001	.0022	.7631	.12196	6.257
.601	421.037	-.00	13.05	.8383	-.0422	-.0525	.0015	-.0002	.0019	.8265	.14815	5.579
.601	421.146	-.00	14.14	.8991	-.0446	-.0490	.0020	-.0002	.0016	.8831	.17631	5.009
.601	421.041	-.00	15.37	.9667	-.0464	-.0451	.0020	-.0004	.0017	.9449	.21141	4.470
.600	420.679	-.00	16.44	1.0140	-.0468	-.0436	.0015	-.0013	.0012	.9863	.24207	4.075
.600	420.246	.02	17.45	1.0370	-.0441	-.0437	.0032	-.0037	.0001	1.0032	.26886	3.731
.600	420.331	.01	18.47	1.0337	-.0376	-.0543	.0021	-.0018	.0000	.9931	.29172	3.404
.601	421.165	.01	19.48	1.0662	-.0341	-.0612	.0002	-.0015	.0001	1.0174	.32335	3.146
.602	421.999	.01	20.51	1.0939	-.0307	-.0695	-.0001	-.0016	.0006	1.0362	.35453	2.923
.601	421.591	.00	21.53	1.1217	-.0276	-.0728	.0002	-.0008	.0006	1.0546	.38589	2.733
.602	421.758	.00	22.53	1.1487	-.0254	-.0779	-.0001	-.0010	.0008	1.0719	.41658	2.573
.601	421.441	.01	23.51	1.1897	-.0245	-.0841	-.0005	-.0012	.0003	1.1019	.45214	2.437
.601	421.531	.01	24.46	1.2224	-.0238	-.0896	-.0006	-.0018	.0008	1.1239	.48444	2.320

TEST 873						RUN 7						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.902	713.626	-.01	.01	.0254	.0343	-.0566	.0011	.0005	.0006	.0254	.03427	.740
.902	713.742	-.01	-1.90	-.1216	.0382	-.0482	.0007	.0006	.0007	-.1203	.04217	-2.854
.900	712.401	-.01	.00	.0290	.0343	-.0565	.0009	.0005	.0008	.0290	.03427	.847
.902	713.900	-.01	2.24	.1954	.0274	-.0638	.0013	.0004	.0013	.1942	.03508	5.537
.906	716.698	-.01	4.56	.3843	.0186	-.0828	.0012	.0004	.0009	.3817	.04912	7.770
.901	713.082	-.01	6.89	.5588	.0099	-.0965	.0008	.0002	.0013	.5536	.07687	7.202
.903	714.474	-.00	9.23	.7063	-.0003	-.0905	.0002	.0000	.0009	.6974	.11302	6.170
.903	714.496	-.00	10.39	.7818	-.0046	-.0896	-.0001	-.0001	.0003	.7701	.13643	5.644
.904	715.036	-.00	11.59	.8597	-.0073	-.0910	-.0001	-.0000	.0008	.8440	.16556	5.098
.905	716.345	-.00	12.70	.9035	-.0082	-.0834	.0009	.0002	-.0001	.8836	.19066	4.634
.905	716.401	-.00	13.88	.9560	-.0094	-.0810	.0004	.0003	.0001	.9309	.22025	4.226
.905	715.817	-.00	14.99	.9998	-.0106	-.0802	.0002	.0002	-.0002	.9692	.24833	3.903
.907	717.659	-.00	16.19	1.0597	-.0093	-.0896	.0014	.0001	-.0010	1.0210	.28657	3.563
.908	718.188	.00	17.27	1.1094	-.0083	-.0988	.0018	-.0001	-.0006	1.0626	.32154	3.305
.907	717.434	-.00	18.34	1.1456	-.0068	-.1044	.0005	.0002	-.0001	1.0905	.35402	3.080

TEST 873							RUN 8					
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.601	421.443	-.00	-.00	.0133	.0311	-.0454	.0006	.0000	.0017	.0133	.03106	.429
.600	419.740	-.00	-1.76	-.0992	.0338	-.0438	.0008	-.0001	.0022	-.0981	.03687	-2.661
.599	419.457	-.00	.05	.0150	.0308	-.0453	.0005	.0000	.0016	.0149	.03080	.485
.601	420.925	-.00	2.08	.1450	.0246	-.0474	.0008	-.0000	.0018	.1440	.02979	4.833
.601	420.751	-.00	4.17	.2737	.0147	-.0489	.0008	-.0001	.0019	.2720	.03456	7.869
.600	420.262	-.00	6.36	.4201	.0007	-.0527	.0011	-.0000	.0016	.4175	.04721	8.843
.601	421.281	-.00	8.54	.5596	-.0163	-.0541	.0009	-.0004	.0023	.5560	.06702	8.295
.600	420.647	-.00	9.63	.6290	-.0253	-.0541	.0007	-.0005	.0026	.6245	.08023	7.784
.601	421.433	-.00	10.77	.7011	-.0344	-.0529	.0010	-.0004	.0025	.6953	.09723	7.152
.601	421.411	-.00	11.89	.7677	-.0419	-.0507	.0016	-.0001	.0020	.7601	.11709	6.491
.601	421.255	-.00	13.06	.8376	-.0469	-.0491	.0016	-.0002	.0022	.8269	.14353	5.761
.600	420.446	-.00	14.13	.8944	-.0503	-.0463	.0017	-.0001	.0021	.8800	.16958	5.189
.600	420.579	-.00	15.33	.9632	-.0531	-.0453	.0030	.0002	.0010	.9434	.20338	4.639
.600	420.224	-.00	16.40	1.0079	-.0526	-.0474	.0015	-.0007	.0007	.9823	.23410	4.196
.600	420.379	.00	17.42	1.0270	-.0486	-.0528	.0026	-.0010	.0002	.9950	.26114	3.810
.600	420.710	.00	18.43	1.0318	-.0423	-.0576	.0023	-.0011	.0007	.9930	.28606	3.471
.600	419.878	.00	19.43	1.0618	-.0388	-.0667	.0012	-.0009	.0005	1.0151	.31655	3.207
.601	420.800	.00	20.45	1.0962	-.0359	-.0780	.0012	-.0010	.0014	1.0405	.34938	2.978
.600	420.398	-.00	21.49	1.1327	-.0330	-.0825	.0013	-.0000	.0011	1.0671	.38418	2.778
.601	421.231	.00	22.49	1.1626	-.0312	-.0850	.0011	-.0008	.0014	1.0872	.41592	2.614
.600	420.496	.00	23.51	1.2004	-.0306	-.0891	.0006	-.0010	.0011	1.1143	.45075	2.472
.601	420.933	.00	24.52	1.2370	-.0298	-.0944	.0003	-.0013	.0010	1.1392	.48631	2.342

TABLE II.- TABULATED RESULTS - Continued

TEST 873												RUN 9	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.903	714.240	-.01	.02	.0320	.0333	-.0568	.0009	.0004	.0012	.0320	.03332	.961	
.901	712.284	-.01	-2.02	-.1244	.0369	-.0485	.0008	.0003	.0014	-.1230	.04122	-2.985	
.905	715.558	-.01	-.02	.0274	.0338	-.0576	.0010	.0003	.0012	.0274	.03381	.811	
.901	712.695	-.01	2.21	.1931	.0271	-.0629	.0015	.0004	.0011	.1919	.03451	5.562	
.904	715.188	-.01	4.52	.3803	.0182	-.0801	.0011	.0003	.0013	.3777	.04813	7.868	
.905	715.976	-.01	6.85	.5596	.0109	-.0982	.0008	.0002	.0014	.5544	.07750	7.154	
.903	714.411	-.00	9.20	.7084	-.0006	-.0915	.0001	.0000	.0009	.6996	.11271	6.207	
.903	714.364	-.00	10.35	.7835	-.0048	-.0888	-.0001	.0002	.0002	.7719	.13601	5.675	
.904	715.089	-.00	11.54	.8487	-.0064	-.0861	-.0007	.0003	-.0003	.8331	.16341	5.098	
.905	715.524	-.00	12.66	.8974	-.0078	-.0795	-.0002	.0006	-.0007	.8777	.18904	4.643	
.904	714.875	-.00	13.85	.9476	-.0086	-.0754	.0005	.0006	-.0010	.9227	.21844	4.224	
.906	716.947	-.00	14.93	.9991	-.0092	-.0800	.0004	.0004	-.0013	.9680	.24957	3.879	
.907	717.666	.00	16.14	1.0571	-.0074	-.0895	.0016	.0001	-.0016	1.0182	.28685	3.550	
.905	715.698	.00	17.21	1.0838	-.0070	-.0912	.0003	-.0000	-.0005	1.0382	.31385	3.308	
.898	710.200	-.00	18.25	1.1207	-.0066	-.0922	.0005	.0002	-.0007	1.0672	.34482	3.095	

TEST 873												RUN 10	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.600	419.814	-.00	.00	.0187	.0301	-.0451	.0007	-.0000	.0016	.0187	.03007	.622	
.600	419.516	-.00	-1.91	-.1048	.0328	-.0426	.0008	.0000	.0020	-.1037	.03629	-2.857	
.600	419.568	-.00	-.02	.0167	.0301	-.0453	.0007	-.0001	.0020	.0167	.03013	.556	
.601	421.032	-.00	2.04	.1432	.0238	-.0466	.0009	-.0001	.0020	.1423	.02890	4.923	
.601	420.201	-.00	4.15	.2766	.0146	-.0488	.0008	-.0001	.0023	.2748	.03451	7.963	
.601	420.872	-.00	6.34	.4243	.0010	-.0532	.0010	-.0001	.0024	.4217	.04787	8.809	
.602	421.558	-.00	8.51	.5629	-.0165	-.0543	.0010	-.0004	.0026	.5592	.06703	8.343	
.600	419.603	-.00	9.62	.6343	-.0253	-.0546	.0008	-.0005	.0026	.6297	.08102	7.772	
.600	419.810	-.00	10.74	.7039	-.0338	-.0538	.0008	-.0000	.0014	.6980	.09809	7.123	
.600	419.958	-.00	11.86	.7750	-.0407	-.0528	.0013	.0000	.0016	.7670	.11944	6.422	
.601	420.465	-.00	13.03	.8403	-.0452	-.0512	.0017	.0000	.0018	.8292	.14534	5.705	
.600	419.989	-.00	14.11	.9013	-.0486	-.0483	.0016	.0002	.0006	.8863	.17254	5.137	
.602	421.781	-.00	15.33	.9676	-.0505	-.0451	.0025	.0001	.0008	.9471	.20704	4.574	
.601	420.931	.00	16.39	1.0167	-.0503	-.0457	.0013	-.0005	.0000	.9902	.23871	4.148	
.600	419.831	.00	17.37	1.0280	-.0468	-.0531	.0037	-.0010	-.0003	.9958	.26216	3.798	
.599	418.754	.00	18.39	1.0331	-.0403	-.0576	.0031	-.0012	.0007	.9937	.28766	3.454	
.599	419.087	.00	19.40	1.0681	-.0369	-.0671	.0013	-.0010	.0001	1.0205	.32004	3.189	
.599	418.504	.00	20.42	1.0955	-.0339	-.0765	.0012	-.0009	.0000	1.0393	.35049	2.965	
.600	419.602	-.00	21.45	1.1302	-.0308	-.0789	.0011	-.0002	.0005	1.0642	.38476	2.766	
.599	418.350	.00	22.44	1.1574	-.0291	-.0818	.0007	-.0008	.0007	1.0819	.41495	2.607	
.602	421.188	.00	23.43	1.1953	-.0283	-.0862	-.0001	-.0009	-.0002	1.1092	.44929	2.469	
.600	419.794	.01	24.47	1.2350	-.0281	-.0923	-.0004	-.0012	-.0000	1.1371	.48596	2.340	

TEST 873												RUN 11	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.904	714.654	-.01	-.03	.0289	.0358	-.0611	.0013	.0004	.0008	.0289	.03580	.809	
.900	711.010	-.01	-1.99	-.1239	.0394	-.0537	.0007	.0004	.0013	-.1225	.04365	-2.807	
.903	713.581	-.01	-.05	.0223	.0359	-.0612	.0012	.0004	.0013	.0223	.03589	.622	
.903	713.470	-.01	2.19	.1962	.0292	-.0667	.0016	.0005	.0013	.1950	.03668	5.316	
.894	705.917	-.01	4.52	.3792	.0196	-.0777	.0013	.0003	.0014	.3765	.04941	7.621	
.903	713.796	-.01	6.87	.5593	.0111	-.0945	.0009	.0003	.0017	.5540	.07789	7.113	
.904	714.503	-.00	9.20	.7127	.0015	-.0942	.0005	.0004	.0003	.7035	.11547	6.092	
.905	715.101	-.01	10.35	.7908	-.0020	-.0954	.0001	.0005	.0002	.7786	.14018	5.554	
.905	715.178	-.00	11.52	.8533	-.0064	-.0921	-.0002	.0006	-.0005	.8377	.16409	5.105	
.906	716.285	-.00	12.68	.9199	-.0075	-.0912	-.0000	.0005	-.0003	.8996	.19455	4.624	
.908	717.322	-.00	13.89	.9777	-.0086	-.0902	.0016	.0004	-.0006	.9517	.22629	4.206	
.907	716.755	-.00	14.97	1.0192	-.0094	-.0879	.0007	.0005	-.0008	.9877	.25417	3.886	
.908	717.382	-.00	16.17	1.0576	-.0105	-.0865	.0008	.0007	-.0012	1.0194	.28437	3.585	
.907	716.739	-.00	17.24	1.1011	-.0103	-.0922	.0006	.0006	-.0006	1.0555	.31644	3.336	

TEST 873												RUN 12	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.600	419.633	-.00	-.02	.0122	.0324	-.0480	.0004	-.0002	-.0005	.0123	.03244	.378	
.600	418.998	-.00	-1.72	-.0988	.0352	-.0468	.0008	-.0002	.0013	-.0977	.03814	-2.561	
.600	419.217	-.00	.01	.0140	.0323	-.0485	.0005	-.0002	.0002	.0140	.03233	.432	
.600	419.526	-.00	2.07	.1446	.0261	-.0492	.0008	-.0001	.0008	.1436	.03130	4.587	
.600	419.845	-.00	4.14	.2744	.0161	-.0491	.0009	-.0002	.0002	.2726	.03584	7.665	
.600	419.527	-.00	6.32	.4202	.0023	-.0517	.0012	-.0000	.0012	.4175	.04859	8.591	
.600	419.062	-.00	8.53	.5608	-.0142	-.0538	.0010	-.0002	.0016	.5560	.06902	8.056	
.600	419.751	-.00	9.63	.6297	-.0230	-.0533	.0008	-.0003	.0019	.6248	.08265	7.560	
.600	419.382	-.00	10.78	.7026	-.0317	-.0528	.0004	-.0001	.0019	.6963	.10021	6.949	
.600	419.690	-.00	11.86	.7671	-.0385	-.0521	.0007	-.0001	.0019	.7589	.12001	6.324	
.601	420.347	-.00	13.04	.8431	-.0462	-.0511	.0012	-.0002	.0014	.8321	.14522	5.730	
.600	419.609	-.00	14.12	.9032	-.0517	-.0498	.0014	-.0001	.0009	.8889	.17023	5.222	
.599	418.734	-.00	15.31	.9684	-.0559	-.0464	.0014	-.0001	.0008	.9492	.20183	4.703	
.603	422.188	-.00	16.45	1.0217	-.0571	-.0416	.0011	-.0000	.0004	.9966	.23446	4.251	
.600	419.521	.00	17.51	1.0685	-.0570	-.0383	.0012	-.0001	.0003	1.0369	.26707	3.882	
.600	419.107	-.00	18.55	1.1161	-.0553	-.0371	-.0002	.0001	.0003	1.0765	.30269	3.556	
.601	419.921	.01	19.49	1.1047	-.0502	-.0587	.0041	-.0014	-.0000	1.0589	.32131	3.296	
.602	421.005	.01	20.47	1.1162	-.0443	-.0703	.0026	-.0022	-.0007	1.0621	.34891	3.044	
.600	419.363	.01	21.49	1.1498	-.0402	-.0778	.0013	-.0023	-.0003	1.0857	.38379	2.829	
.601	420.373	.01	22.51	1.1801	-.0371	-.0811	-.0005	-.0022	-.0005	1.1055	.41755	2.648	
.600	419.137	.01	23.52	1.2137	-.0362	-.0852	-.0013	-.0017	-.0002	1.1285	.45129	2.501	
.602	421.081	.01	24.55	1.2520	-.0352	-.0912	-.0015	-.0016	-.0009	1.1549	.48808	2.366	

TABLE II.- TABULATED RESULTS - Continued

TEST 873						RUN 13						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.904	713.649	-.01	-.05	.0281	.0369	-.0618	.0011	.0005	.0011	.0281	.03692	.762
.903	713.176	-.01	-2.10	-.1363	.0411	-.0534	.0005	.0005	.0011	-.1347	.04608	-2.924
.904	714.268	-.01	-.11	.0168	.0372	-.0615	.0011	.0006	.0003	.0169	.03720	.455
.905	714.752	-.01	2.15	.1949	.0300	-.0682	.0014	.0005	.0015	.1937	.03734	5.187
.904	713.772	-.01	4.46	.3801	.0204	-.0809	.0014	.0004	.0016	.3774	.04988	7.566
.904	714.041	-.01	6.81	.5578	.0112	-.0944	.0009	.0003	.0020	.5527	.07728	7.152
.903	713.291	-.01	9.12	.7066	.0017	-.0934	.0003	.0004	.0008	.6975	.11367	6.137
.906	715.573	-.01	10.32	.7915	-.0025	-.0951	.0003	.0004	.0008	.7794	.13937	5.592
.904	713.711	-.01	11.51	.8667	-.0076	-.0939	.0005	.0003	.0008	.8511	.16554	5.141
.904	714.116	-.01	12.63	.9169	-.0099	-.0884	.0020	.0005	-.0001	.8973	.19090	4.700
.906	715.711	-.00	13.86	.9810	-.0108	-.0885	.0008	.0004	.0002	.9556	.22454	4.256
.905	715.020	-.00	14.96	1.0217	-.0129	-.0831	.0016	.0004	.0002	.9910	.25131	3.944
.901	711.148	-.01	16.11	1.0525	-.0140	-.0784	.0013	.0005	.0002	1.0157	.27868	3.645

TEST 873						RUN 14						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.600	418.707	-.00	-1.05	.0103	.0336	-.0486	.0008	.0000	.0023	.0103	.03355	.307
.600	418.817	-.00	-1.67	-.0958	.0360	-.0474	.0006	-.0001	.0027	-.0947	.03881	-2.441
.600	419.284	-.00	-.06	.0079	.0336	-.0488	.0005	.0001	.0016	.0079	.03356	.236
.600	419.257	-.00	2.01	.1398	.0268	-.0493	.0008	.0000	.0023	.1388	.03174	4.374
.600	418.832	-.00	4.11	.2720	.0167	-.0492	.0010	-.0000	.0024	.2702	.03620	7.463
.599	418.508	-.00	6.28	.4143	.0027	-.0507	.0012	-.0000	.0028	.4116	.04799	8.576
.600	419.528	-.00	8.49	.5576	-.0144	-.0529	.0011	-.0003	.0027	.5538	.06808	8.134
.599	418.397	-.00	9.58	.6270	-.0233	-.0527	.0006	-.0003	.0032	.6222	.08141	7.643
.600	418.853	-.00	10.73	.6994	-.0324	-.0521	.0009	-.0003	.0034	.6934	.09837	7.049
.601	419.988	-.00	11.84	.7671	-.0398	-.0497	.0007	-.0004	.0030	.7592	.11843	6.410
.599	418.489	-.00	13.00	.8354	-.0474	-.0492	.0008	-.0004	.0026	.8249	.14185	5.816
.599	417.828	-.00	14.10	.9012	-.0538	-.0488	.0013	-.0002	.0022	.8875	.16736	5.303
.605	424.649	-.00	15.29	.9676	-.0576	-.0460	.0019	-.0001	.0020	.9490	.19960	4.755
.601	420.065	-.00	16.37	1.0210	-.0597	-.0418	.0025	.0003	.0017	.9970	.23050	4.325
.601	419.882	-.00	17.46	1.0724	-.0606	-.0402	.0019	.0002	.0016	1.0418	.26401	3.946
.600	418.881	-.01	18.47	1.1071	-.0582	-.0452	.0014	.0017	.0015	1.0693	.29560	3.617
.602	420.872	.01	19.45	1.0982	-.0514	-.0603	.0037	-.0017	.0011	1.0535	.31710	3.322
.600	419.559	.01	20.45	1.1208	-.0461	-.0723	.0025	-.0026	.0009	1.0672	.34840	3.063
.600	419.325	.01	21.45	1.1519	-.0414	-.0824	.0016	-.0027	.0012	1.0883	.38266	2.844
.600	418.754	.01	22.47	1.1839	-.0391	-.0846	-.0001	-.0025	.0012	1.1102	.41629	2.667
.601	419.938	.01	23.48	1.2229	-.0380	-.0888	-.0012	-.0019	.0012	1.1380	.45234	2.516
.602	421.027	.01	24.48	1.2432	-.0368	-.0923	-.0012	-.0014	.0007	1.1481	.48167	2.384

TEST 873						RUN 15						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.902	712.170	-.01	-.04	.0304	.0372	-.0621	.0015	.0006	.0004	.0304	.03716	.818
.903	712.601	-.01	-1.98	-.1248	.0412	-.0545	.0012	.0007	.0003	-.1233	.04544	-2.713
.896	707.331	-.01	-.06	.0233	.0369	-.0611	.0014	.0006	.0002	.0234	.03687	.634
.905	714.378	-.01	2.18	.2004	.0313	-.0701	.0012	.0006	.0008	.1991	.03892	5.115
.901	711.332	-.01	4.50	.3803	.0214	-.0802	.0013	.0004	.0011	.3775	.05117	7.378
.903	712.830	-.01	6.81	.5505	.0125	-.0930	.0004	.0002	.0018	.5452	.07770	7.018
.903	713.164	-.01	9.18	.7110	.0031	-.0962	.0005	.0004	.0008	.7016	.11647	6.024
.905	714.817	-.01	10.32	.7877	-.0008	-.0973	.0006	.0004	.0005	.7753	.14030	5.526
.906	715.038	-.00	11.51	.8537	-.0049	-.0925	-.0002	.0002	.0007	.8379	.16564	5.058
.906	714.852	-.01	12.62	.8952	-.0074	-.0839	.0007	.0003	.0009	.8755	.18842	4.647
.906	715.269	-.00	13.79	.9407	-.0092	-.0787	.0018	.0002	.0003	.9163	.21540	4.254
.904	713.695	-.00	14.88	.9818	-.0112	-.0752	.0014	.0003	.0006	.9523	.24133	3.946
.895	706.359	-.01	16.07	1.0201	-.0143	-.0705	.0007	.0004	.0011	.9848	.26869	3.665

TEST 873						RUN 16						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.601	419.847	-.00	-.05	.0131	.0337	-.0492	.0010	.0002	.0013	.0131	.03367	.391
.600	418.965	-.00	-1.64	-.0916	.0362	-.0475	.0011	.0001	.0017	-.0905	.03881	-2.332
.601	420.013	-.00	-.01	.0145	.0339	-.0495	.0008	.0002	.0012	.0145	.03387	.428
.602	421.064	-.00	2.06	.1482	.0275	-.0502	.0009	.0002	.0020	.1471	.03285	4.479
.600	419.071	-.00	4.16	.2761	.0176	-.0499	.0010	.0000	.0021	.2741	.03754	7.302
.600	419.081	-.00	6.33	.4174	.0043	-.0521	.0011	.0000	.0020	.4145	.05027	8.246
.600	419.446	-.00	8.52	.5609	-.0124	-.0547	.0014	-.0001	.0024	.5567	.07083	7.859
.600	419.227	-.00	9.61	.6277	-.0207	-.0552	.0011	-.0003	.0024	.6225	.08433	7.382
.600	419.108	-.00	10.75	.7010	-.0295	-.0545	.0008	-.0003	.0029	.6944	.10183	6.819
.600	419.081	-.00	11.84	.7629	-.0368	-.0519	.0008	-.0004	.0033	.7545	.12056	6.258
.601	419.650	-.00	13.00	.8329	-.0444	-.0507	.0012	-.0006	.0028	.8219	.14411	5.703
.601	420.308	-.00	14.11	.8954	-.0516	-.0485	.0015	-.0005	.0025	.8813	.16825	5.238
.600	419.266	-.00	15.29	.9577	-.0559	-.0444	.0025	-.0002	.0017	.9390	.19864	4.727
.601	419.807	-.00	16.40	1.0162	-.0586	-.0405	.0022	.0001	.0016	.9919	.23072	4.299
.601	419.778	-.00	17.44	1.0656	-.0598	-.0385	.0021	.0002	.0007	1.0352	.26229	3.947
.600	418.944	-.01	18.51	1.1013	-.0586	-.0428	.0017	.0009	.0012	1.0637	.29415	3.616
.601	420.187	.01	19.48	1.1025	-.0522	-.0572	.0033	-.0018	.0012	1.0577	.31850	3.321
.603	421.785	.01	20.48	1.1252	-.0464	-.0700	.0022	-.0022	.0015	1.0712	.35019	3.059
.603	422.139	.01	21.49	1.1553	-.0416	-.0816	.0022	-.0023	.0011	1.0913	.38456	2.838
.601	419.655	.01	22.50	1.1866	-.0397	-.0860	.0008	-.0017	.0016	1.1126	.41741	2.666
.600	418.325	.00	23.47	1.2149	-.0388	-.0894	.0002	-.0014	.0013	1.1310	.44838	2.522
.599	418.178	.00	24.50	1.2499	-.0380	-.0942	.0001	-.0014	.0012	1.1545	.48371	2.387

TABLE II.- TABULATED RESULTS - Continued

TEST 873												RUN 17											
MACH	Q	BETA	ALPHA	CN	CA	CM	CRULL	CYAW	CSIDE	CL	CD	L/D											
.904	714.098	-.01	.04	.0326	.0368	-.0400	.0013	.0006	.0007	.0325	.03680	.884											
.904	713.783	-.01	-1.73	-.1101	.0395	-.0489	.0010	.0007	.0003	-.1088	.04282	-2.542											
.904	714.078	-.01	.05	.0284	.0361	-.0588	.0012	.0005	.0007	.0283	.03614	.784											
.904	713.945	-.01	2.32	.2046	.0307	-.0707	.0015	.0006	.0007	.2032	.03895	5.218											
.907	716.397	-.01	4.62	.3836	.0226	-.0885	.0015	.0004	.0012	.3806	.05340	7.127											
.905	714.728	-.00	6.93	.5490	.0146	-.1014	.0009	.0002	.0010	.5433	.08080	6.724											
.905	715.227	-.00	9.25	.6956	.0052	-.0993	.0010	.0031	.0008	.6859	.11696	5.864											
.904	714.418	-.00	10.41	.7700	.0014	-.0982	.0007	.0001	.0006	.7574	.14053	5.389											
.905	714.835	-.00	11.62	.8432	-.0029	-.0976	-.0000	.0002	.0004	.8268	.16697	4.952											
.906	715.419	-.00	12.73	.9001	-.0047	-.0967	-.0012	.0001	.0007	.8794	.19376	4.539											
.907	716.756	-.00	13.91	.9541	-.0055	-.0943	-.0002	.0003	.0004	.9279	.22403	4.142											
.908	717.364	-.00	15.00	.9990	-.0066	-.0947	.0008	-.0001	.0004	.9673	.25216	3.836											
.908	717.237	.01	16.18	1.0448	-.0064	-.0986	.0032	-.0035	-.0002	1.0059	.28500	3.529											
.905	714.710	-.00	17.29	1.0874	-.0080	-.0999	.0009	.0002	-.0004	1.0414	.31568	3.299											

TEST 873												RUN 18											
MACH	Q	BETA	ALPHA	CN	CA	CM	CRULL	CYAW	CSIDE	CL	CD	L/D											
.601	419.947	-.00	.04	.0174	.0313	-.0467	.0008	.0001	.0021	.0174	.03134	.556											
.600	418.896	-.00	-1.58	-.0892	.0335	-.0438	.0009	.0000	.0023	-.0882	.03595	-2.454											
.600	419.453	-.00	.09	.0187	.0313	-.0466	.0007	.0001	.0021	.0186	.03137	.593											
.601	420.013	-.00	2.13	.1452	.0255	-.0484	.0008	-.0000	.0022	.1442	.03088	4.669											
.600	419.677	-.00	4.19	.2720	.0163	-.0503	.0011	-.0000	.0015	.2701	.03617	7.467											
.600	419.608	-.00	6.41	.4197	.0030	-.0539	.0013	-.0031	.0020	.4168	.04980	8.370											
.600	419.389	-.00	8.57	.5589	-.0136	-.0556	.0015	-.0004	.0024	.5548	.06989	7.938											
.600	419.834	-.00	9.68	.6298	-.0225	-.0560	.0011	-.0005	.0028	.6247	.08367	7.466											
.601	420.125	-.00	10.81	.6996	-.0313	-.0552	.0013	-.0034	.0027	.6933	.10045	6.902											
.600	419.025	-.00	11.91	.7616	-.0388	-.0528	.0016	-.0004	.0032	.7534	.11924	6.319											
.600	419.521	-.00	13.07	.8312	-.0451	-.0504	.0021	-.0035	.0035	.8201	.14405	5.693											
.600	419.540	-.00	14.17	.8935	-.0488	-.0473	.0025	-.0033	.0026	.8787	.17145	5.125											
.601	420.504	-.00	15.37	.9574	-.0508	-.0436	.0037	.0002	.0022	.9371	.20476	4.576											
.599	418.489	-.00	16.44	1.0078	-.0511	-.0408	.0033	-.0003	.0020	.9816	.23623	4.155											
.601	420.039	.00	17.44	1.0310	-.0493	-.0473	.0032	-.0005	.0011	.9990	.26192	3.814											
.602	421.117	.00	18.46	1.0347	-.0430	-.0546	.0037	-.0010	.0014	.9958	.28680	3.472											
.600	419.382	.00	19.50	1.0703	-.0395	-.0651	.0022	-.0011	.0015	1.0229	.32000	3.197											
.603	422.793	.00	20.52	1.1007	-.0363	-.0764	.0016	-.0011	.0015	1.0445	.35193	2.968											
.603	422.142	-.00	21.52	1.1344	-.0329	-.0838	.0011	-.0001	.0017	1.0684	.38548	2.772											
.602	421.069	-.00	22.53	1.1673	-.0315	-.0882	.0013	-.0005	.0020	1.0914	.41818	2.610											
.602	420.832	.00	23.53	1.2065	-.0310	-.0931	.0006	-.0006	.0015	1.1198	.45333	2.470											
.602	420.936	.00	24.57	1.2418	-.0304	-.0985	.0005	-.0012	.0014	1.1434	.48875	2.339											

TEST 873												RUN 19											
MACH	Q	BETA	ALPHA	CN	CA	CM	CRULL	CYAW	CSIDE	CL	CD	L/D											
.903	713.840	-.01	.17	.1274	.0360	-.0719	.0013	.0004	.0015	.1273	.03640	3.498											
.904	714.159	-.01	-1.56	.0312	.0374	-.0642	.0013	.0004	.0015	.0022	.03733	.059											
.904	714.440	-.01	.21	.1278	.0355	-.0712	.0012	.0003	.0013	.1277	.03599	3.548											
.903	713.599	-.01	2.45	.2909	.0314	-.0845	.0014	.0003	.0018	.2893	.04385	6.597											
.903	713.945	-.01	4.68	.4629	.0244	-.1023	.0013	.0001	.0023	.4594	.06213	7.394											
.904	714.386	-.00	7.01	.6136	.0171	-.1100	.0016	.0001	.0013	.6070	.09188	6.607											
.906	715.889	-.00	9.35	.7656	.0092	-.1094	.0013	-.0001	.0014	.7542	.13339	5.654											
.904	714.094	-.00	10.49	.8375	.0058	-.1078	.0013	-.0001	.0012	.8227	.15830	5.197											
.905	714.963	-.00	11.70	.9024	.0031	-.1043	.0005	-.0001	.0009	.8835	.18604	4.749											
.904	714.391	-.00	12.80	.9569	.0017	-.1015	-.0002	-.0002	.0013	.9332	.21366	4.368											
.906	716.143	-.00	13.98	1.0193	.0014	-.1031	-.0004	-.0002	.0011	.9894	.24760	3.996											
.911	719.904	-.00	15.10	1.0751	.0024	-.1109	-.0005	-.0001	.0012	1.0381	.28243	3.676											
.909	718.005	-.00	16.28	1.1125	.0018	-.1088	.0010	-.0005	.0015	1.0683	.31348	3.408											
.907	717.167	.00	17.36	1.1471	.0006	-.1100	.0012	-.0006	.0015	1.0956	.34287	3.195											

TEST 873												RUN 20	
MACH	Q	BETA	ALPHA	CN	CA	CM	CRCLL	CYAW	CSIDE	CL	CD	L/D	
.600	419.041	-.00	.14	.0958	.0309	-.0499	.0006	-.0002	.0038	.0958	.03114	3.075	
.599	418.723	-.00	-1.48	-.0038	.0320	-.0467	.0010	-.0031	.0032	-.0029	.03209	-.092	
.600	419.206	-.00	.13	.0901	.0308	-.0500	.0006	-.0002	.0036	.0900	.03097	2.907	
.600	419.195	-.00	2.18	.2139	.0256	-.0529	.0007	-.0002	.0037	.2128	.03366	6.321	
.600	419.363	-.00	4.30	.3477	.0167	-.0546	.0007	-.0002	.0033	.3455	.04266	8.098	
.600	418.966	-.00	6.47	.4895	.0035	-.0571	.0011	-.0001	.0032	.4861	.05871	8.278	
.599	418.755	-.00	8.66	.6342	-.0130	-.0633	.0011	-.0004	.0035	.6291	.08263	7.613	
.600	419.290	-.00	9.75	.7038	-.0206	-.0607	.0009	-.0005	.0037	.6973	.09885	7.054	
.600	418.931	-.00	10.88	.7743	-.0279	-.0600	.0005	-.0007	.0043	.7659	.11866	6.544	
.599	418.588	-.00	12.00	.8396	-.0340	-.0566	.0002	-.0008	.0046	.8286	.14127	5.865	
.600	419.353	-.00	13.19	.9063	-.0382	-.0530	.0002	-.0011	.0048	.8915	.16956	5.258	
.599	418.719	-.00	14.25	.9579	-.0402	-.0494	.0013	-.0009	.0040	.9387	.19683	4.769	
.600	419.272	.00	15.43	1.0220	-.0421	-.0494	.0018	-.0013	.0045	.9970	.23130	4.310	
.600	419.907	.01	16.49	1.0601	-.0423	-.0474	.0019	-.0025	.0026	1.0291	.26044	3.951	
.601	420.307	.02	17.52	1.0727	-.0396	-.0477	.0040	-.0037	.0017	1.0356	.28521	3.631	
.600	419.050	.00	18.53	1.0830	-.0360	-.0536	-.0002	-.0016	.0027	1.0391	.31000	3.352	
.600	419.552	.00	19.54	1.1200	-.0332	-.0606	-.0012	-.0007	.0020	1.0675	.34323	3.110	
.601	420.065	-.00	20.54	1.1521	-.0294	-.0711	-.0014	-.0003	.0015	1.0991	.37676	2.893	
.602	421.586	.01	21.58	1.1748	-.0240	-.0818	.0002	-.0019	.0020	1.1025	.40969	2.691	
.601	420.423	.00	22.54	1.2007	-.0217	-.0874	-.0004	-.0013	.0023	1.1185	.44026	2.541	
.600	419.761	.00	23.52	1.2301	-.0207	-.0938	-.0007	-.0013	.0016	1.1374	.47195	2.400	
.602	421.892	.00	24.59	1.2775	-.0195	-.1015	-.0007	-.0016	.0024	1.1713	.51380	2.280	

# TABLE II.- TABULATED RESULTS - Continued

TEST 873												RUN 21													
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.903	713.604	-.01	.18	.0912	.0371	-.0178	.0013	.0004	.0017	.0911	.03741	2.434	.903	713.604	-.01	.18	.0912	.0371	-.0178	.0013	.0004	.0017	.0911	.03741	2.434
.902	712.319	-.01	-1.60	-.0375	.0386	-.0095	.0016	.0005	.0019	-.0364	.03963	-.918	.902	712.319	-.01	-1.60	-.0375	.0386	-.0095	.0016	.0005	.0019	-.0364	.03963	-.918
.903	713.297	-.01	.25	.0931	.0370	-.0183	.0015	.0004	.0021	.0930	.03742	2.485	.903	713.297	-.01	.25	.0931	.0370	-.0183	.0015	.0004	.0021	.0930	.03742	2.485
.904	714.190	-.01	2.46	.2525	.0322	-.0311	.0016	.0004	.0015	.2509	.04296	5.841	.904	714.190	-.01	2.46	.2525	.0322	-.0311	.0016	.0004	.0015	.2509	.04296	5.841
.907	716.701	-.01	4.70	.4302	.0258	-.0537	.0014	.0001	.0019	.4267	.06097	6.999	.907	716.701	-.01	4.70	.4302	.0258	-.0537	.0014	.0001	.0019	.4267	.06097	6.999
.904	714.488	-.00	7.04	.5869	.0172	-.0612	.0016	-.0000	.0010	.5805	.08898	6.525	.904	714.488	-.00	7.04	.5869	.0172	-.0612	.0016	-.0000	.0010	.5805	.08898	6.525
.906	715.829	-.00	9.34	.7371	.0097	-.0631	.0013	-.0002	.0008	.7260	.12919	5.619	.906	715.829	-.00	9.34	.7371	.0097	-.0631	.0013	-.0002	.0008	.7260	.12919	5.619
.903	713.361	-.00	10.52	.8056	.0044	-.0577	.0014	.0000	.0000	.7915	.15145	5.226	.903	713.361	-.00	10.52	.8056	.0044	-.0577	.0014	.0000	.0000	.7915	.15145	5.226
.905	715.371	.00	11.70	.8781	.0039	-.0600	.0008	-.0002	.0004	.8594	.18186	4.726	.905	715.371	.00	11.70	.8781	.0039	-.0600	.0008	-.0002	.0004	.8594	.18186	4.726
.907	716.532	-.00	12.84	.9315	.0021	-.0568	.0000	-.0032	.0009	.9083	.20905	4.345	.907	716.532	-.00	12.84	.9315	.0021	-.0568	.0000	-.0032	.0009	.9083	.20905	4.345
.907	716.390	.00	14.01	.9890	.0016	-.0561	-.0002	-.0032	.0009	.9598	.24089	3.984	.907	716.390	.00	14.01	.9890	.0016	-.0561	-.0002	-.0032	.0009	.9598	.24089	3.984
.908	717.264	-.00	15.10	1.0326	.0008	-.0540	-.0002	-.0004	.0016	.9974	.26970	3.698	.908	717.264	-.00	15.10	1.0326	.0008	-.0540	-.0002	-.0004	.0016	.9974	.26970	3.698
.908	717.701	.00	16.28	1.0710	.0010	-.0546	.0012	-.0009	.0016	1.0286	.30113	3.416	.908	717.701	.00	16.28	1.0710	.0010	-.0546	.0012	-.0009	.0016	1.0286	.30113	3.416
.907	716.566	.01	17.38	1.1130	.0003	-.0591	.0016	-.0009	.0010	1.0630	.33283	3.194	.907	716.566	.01	17.38	1.1130	.0003	-.0591	.0016	-.0009	.0010	1.0630	.33283	3.194

TEST 873												RUN 22													
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.601	420.123	-.00	.15	.0578	.0320	-.0014	.0008	-.0000	.0026	.0577	.03214	1.796	.601	420.123	-.00	.15	.0578	.0320	-.0014	.0008	-.0000	.0026	.0577	.03214	1.796
.600	418.982	-.00	-1.50	-.0405	.0333	.0024	.0011	.0001	.0028	-.0396	.03435	-1.152	.600	418.982	-.00	-1.50	-.0405	.0333	.0024	.0011	.0001	.0028	-.0396	.03435	-1.152
.600	419.709	-.00	.16	.0588	.0319	-.0016	.0008	.0000	.0026	.0587	.03204	1.833	.600	419.709	-.00	.16	.0588	.0319	-.0016	.0008	.0000	.0026	.0587	.03204	1.833
.601	420.360	-.00	2.19	.1806	.0265	-.0057	.0007	.0001	.0029	.1794	.03341	5.371	.601	420.360	-.00	2.19	.1806	.0265	-.0057	.0007	.0001	.0029	.1794	.03341	5.371
.602	420.937	-.00	4.29	.3129	.0175	-.0087	.0009	.0002	.0023	.3108	.04079	7.618	.602	420.937	-.00	4.29	.3129	.0175	-.0087	.0009	.0002	.0023	.3108	.04079	7.618
.600	419.795	-.00	6.46	.4558	.0041	-.0114	.0011	.0001	.0024	.4525	.05530	8.183	.600	419.795	-.00	6.46	.4558	.0041	-.0114	.0011	.0001	.0024	.4525	.05530	8.183
.600	419.501	-.00	8.66	.6002	-.0125	-.0155	.0009	-.0001	.0025	.5953	.07801	7.631	.600	419.501	-.00	8.66	.6002	-.0125	-.0155	.0009	-.0001	.0025	.5953	.07801	7.631
.601	420.034	-.00	9.75	.6730	-.0204	-.0166	.0010	-.0002	.0023	.6669	.09383	7.107	.601	420.034	-.00	9.75	.6730	-.0204	-.0166	.0010	-.0002	.0023	.6669	.09383	7.107
.600	419.013	-.00	10.89	.7441	-.0276	-.0159	.0009	-.0003	.0023	.7361	.11355	6.483	.600	419.013	-.00	10.89	.7441	-.0276	-.0159	.0009	-.0003	.0023	.7361	.11355	6.483
.601	420.322	-.00	11.99	.8105	-.0338	-.0126	.0004	-.0004	.0024	.8000	.13537	5.910	.601	420.322	-.00	11.99	.8105	-.0338	-.0126	.0004	-.0004	.0024	.8000	.13537	5.910
.600	419.842	-.00	13.15	.8729	-.0379	-.0090	.0001	-.0007	.0027	.8590	.16169	5.313	.600	419.842	-.00	13.15	.8729	-.0379	-.0090	.0001	-.0007	.0027	.8590	.16169	5.313
.601	420.700	-.00	14.24	.9289	-.0401	-.0052	.0013	-.0006	.0024	.9106	.18962	4.802	.601	420.700	-.00	14.24	.9289	-.0401	-.0052	.0013	-.0006	.0024	.9106	.18962	4.802
.600	419.842	.00	15.44	.9975	-.0425	-.0054	.0017	-.0011	.0032	.9733	.22457	4.334	.600	419.842	.00	15.44	.9975	-.0425	-.0054	.0017	-.0011	.0032	.9733	.22457	4.334
.601	420.145	.01	16.51	1.0302	-.0426	-.0036	.0016	-.0022	.0016	1.0005	.25189	3.972	.601	420.145	.01	16.51	1.0302	-.0426	-.0036	.0016	-.0022	.0016	1.0005	.25189	3.972
.602	421.114	.02	17.50	1.0400	-.0404	-.0051	.0042	-.0040	.0008	1.0047	.27424	3.664	.602	421.114	.02	17.50	1.0400	-.0404	-.0051	.0042	-.0040	.0008	1.0047	.27424	3.664
.600	419.193	.01	18.55	1.0510	-.0369	-.0119	-.0001	-.0015	.0019	1.0089	.29941	3.370	.600	419.193	.01	18.55	1.0510	-.0369	-.0119	-.0001	-.0015	.0019	1.0089	.29941	3.370
.600	419.527	.00	19.55	1.0935	-.0345	-.0202	-.0012	-.0008	.0020	1.0429	.33338	3.128	.600	419.527	.00	19.55	1.0935	-.0345	-.0202	-.0012	-.0008	.0020	1.0429	.33338	3.128
.601	419.952	.00	20.56	1.1219	-.0308	-.0319	-.0013	-.0005	.0008	1.0622	.36514	2.909	.601	419.952	.00	20.56	1.1219	-.0308	-.0319	-.0013	-.0005	.0008	1.0622	.36514	2.909
.600	419.212	.01	21.55	1.1398	-.0261	-.0433	-.0002	-.0021	.0010	1.0707	.39432	2.715	.600	419.212	.01	21.55	1.1398	-.0261	-.0433	-.0002	-.0021	.0010	1.0707	.39432	2.715
.601	420.219	.01	22.55	1.1716	-.0240	-.0516	-.0004	-.0014	.0014	1.0923	.42714	2.557	.601	420.219	.01	22.55	1.1716	-.0240	-.0516	-.0004	-.0014	.0014	1.0923	.42714	2.557
.603	422.645	.00	23.55	1.2077	-.0229	-.0597	-.0007	-.0012	.0007	1.1175	.46159	2.421	.603	422.645	.00	23.55	1.2077	-.0229	-.0597	-.0007	-.0012	.0007	1.1175	.46159	2.421
.605	424.332	.01	24.58	1.2426	-.0222	-.0679	-.0005	-.0016	.0010	1.1406	.49676	2.296	.605	424.332	.01	24.58	1.2426	-.0222	-.0679	-.0005	-.0016	.0010	1.1406	.49676	2.296

TEST 873												RUN 23													
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.905	714.211	-.01	.28	.1392	.0446	-.0289	.0010	.0002	.0024	.1390	.04532	3.067	.905	714.211	-.01	.28	.1392	.0446	-.0289	.0010	.0002	.0024	.1390	.04532	3.067
.902	712.295	-.01	-1.57	.0103	.0460	-.0212	.0011	.0003	.0021	.0116	.04567	.254	.902	712.295	-.01	-1.57	.0103	.0460	-.0212	.0011	.0003	.0021	.0116	.04567	.254
.904	713.503	-.01	.33	.1415	.0441	-.0275	.0009	.0002	.0020	.1412	.04489	3.146	.904	713.503	-.01	.33	.1415	.0441	-.0275	.0009	.0002	.0020	.1412	.04489	3.146
.910	718.406	-.01	2.52	.3016	.0396	-.0445	.0009	.0001	.0022	.2996	.05286	5.669	.910	718.406	-.01	2.52	.3016	.0396	-.0445	.0009	.0001	.0022	.2996	.05286	5.669
.906	714.752	-.01	4.81	.4695	.0319	-.0603	.0005	-.0000	.0024	.4653	.07108	6.546	.906	714.752	-.01	4.81	.4695	.0319	-.0603	.0005	-.0000	.0024	.4653	.07108	6.546
.904	713.566	-.00	7.10	.6210	.0241	-.0674	.0011	.0000	.0013	.6134	.10066	6.094	.904	713.566	-.00	7.10	.6210	.0241	-.0674	.0011	.0000	.0013	.6134	.10066	6.094
.903	713.244	-.00	9.40	.7662	.0151	-.0629	.0014	-.0001	.0005	.7537	.14003	5.382	.903	713.244	-.00	9.40	.7662	.0151	-.0629	.0014	-.0001	.0005	.7537	.14003	5.382
.905	714.547	-.00	10.57	.8458	.0138	-.0659	.0016	-.0001	.0007	.8292	.16870	4.915	.905	714.547	-.00	10.57	.8458	.0138	-.0659	.0016	-.0001	.0007	.8292	.16870	4.915
.909	717.246	-.00	11.76	.9178	.0140	-.0705	.0017	-.0001	.0008	.8961	.20079	4.463	.909	717.246	-.00	11.76	.9178	.0140	-.0705	.0017	-.0001	.0008	.8961	.20079	4.463
.906	714.819	-.00	12.94	.9676	.0097	-.0616	.0003	.0001	.0007	.9414	.22614	4.163	.906	714.819	-.00	12.94	.9676	.0097	-.0616	.0003	.0001	.0007	.9414	.22614	4.163
.906	715.209	-.00	14.07	1.0197	.0092	-.0577	-.0001	-.0000	.0013	.9875	.25677	3.846	.906	715.209	-.00	14.07	1.0197	.0092	-.0577	-.0001	-.0000	.0013	.9875	.25677	3.846
.909	717.022	-.00	15.16	1.0732	.0101	-.0601	-.0000	-.0002	.0022	1.0339	.29040	3.560	.909	717.022	-.00	15.16	1.0732	.0101	-.0601	-.0000	-.0002	.0022	1.0339	.29040	3.560
.908	716.953	.00	16.35	1.1153	.0105	-.0606	.0008	-.0005	.0017	1.0681	.32401	3.297	.908	716.953	.00	16.35	1.1153	.0105	-.0606	.0008	-.0005	.0017	1.0681	.32401	3.297
.905	714.204	.00	17.41	1.1421	.0089	-.0569	.0011	-.0004	.0016	1.0881	.35018	3.107	.905	714.204	.00	17.41	1.1421	.0089	-.0569	.0011	-.0004	.0016	1.0881	.35018	3.107

TABLE II.- TABULATED RESULTS - Continued

TEST 873						RUN 25						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.903 712.336	-.01	.22	.1786	.0419	-.0801	.0008	.0003	.0018	.1784	.04264	4.185	
.902 711.568	-.01	-1.47	.0643	.0435	-.0752	.0013	.0004	.0014	.0654	.04183	1.564	
.902 711.408	-.01	.22	.1765	.0416	-.0787	.0008	.0003	.0015	.1763	.04231	4.168	
.905 713.915	-.01	2.44	.3343	.0367	-.0923	.0009	.0003	.0018	.3324	.05093	6.528	
.903 712.422	-.01	4.73	.5034	.0295	-.1074	.0006	.0002	.0025	.4993	.07084	7.048	
.902 711.967	-.00	7.01	.6579	.0232	-.1165	.0012	-.0000	.0017	.6503	.10333	6.293	
.905 714.501	-.00	9.32	.8095	.0161	-.1150	.0014	-.0003	.0014	.7965	.14708	5.416	
.906 714.502	-.00	10.49	.8799	.0129	-.1122	.0015	-.0003	.0009	.8632	.17279	4.996	
.904 713.444	-.00	11.69	.9435	.0104	-.1074	.0011	-.0000	.0004	.9222	.20138	4.580	
.908 716.258	-.00	12.82	1.0103	.0110	-.1124	.0001	.0001	.0008	.9833	.23492	4.186	
.906 714.690	-.00	14.00	1.0630	.0097	-.1077	-.0003	-.0000	.0015	1.0297	.26651	3.864	
.906 714.712	-.00	15.09	1.1042	.0092	-.1032	-.0001	-.0000	.0017	1.0645	.29637	3.592	
.906 714.517	-.00	16.26	1.1428	.0096	-.1019	.0007	-.0004	.0015	1.0953	.32922	3.327	
.901 711.025	.00	17.31	1.1602	.0080	-.0961	.0013	-.0004	.0014	1.1063	.35283	3.135	

TEST 873						RUN 26						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.601	419.397	-.00	.17	.1628	.0357	-.0566	.0008	.0001	.0027	.1627	.03617	4.498
.600	419.076	-.00	-1.32	.0751	.0369	-.0538	.0011	.0001	.0030	.0760	.03519	2.158
.600	418.901	-.00	.21	.1633	.0356	-.0567	.0008	.0000	.0031	.1632	.03616	4.513
.601	419.880	-.00	2.22	.2878	.0295	-.0606	.0008	-.0001	.0031	.2864	.04063	7.050
.601	419.965	-.00	4.32	.4230	.0201	-.0630	.0012	-.0002	.0033	.4203	.05189	8.100
.600	418.497	-.00	6.52	.5624	.0065	-.0649	.0011	-.0001	.0032	.5581	.07025	7.945
.601	419.534	-.00	8.71	.7091	-.0101	-.0678	.0011	-.0002	.0030	.7026	.09734	7.218
.600	418.747	-.00	9.79	.7807	-.0174	-.0697	.0011	-.0004	.0032	.7726	.11553	6.687
.602	420.792	-.00	10.93	.8503	-.0245	-.0681	.0007	-.0005	.0033	.8398	.13714	6.123
.601	419.960	-.00	12.05	.9138	-.0301	-.0627	.0001	-.0008	.0036	.9003	.16122	5.584
.600	419.241	-.00	13.19	.9670	-.0334	-.0565	.0001	-.0009	.0035	.9496	.18822	5.045
.601	419.934	-.00	14.28	1.0287	-.0357	-.0527	.0017	-.0011	.0046	1.0062	.21906	4.593
.602	420.745	-.00	15.46	1.0912	-.0367	-.0508	.0015	-.0013	.0039	1.0622	.25558	4.156
.600	419.055	.01	16.49	1.1608	-.0363	-.0451	.0025	-.0027	.0015	1.0666	.27756	3.843
.602	420.624	.02	17.52	1.1192	-.0334	-.0457	.0054	-.0038	-.0008	1.0781	.30515	3.533
.601	419.279	.01	18.50	1.1189	-.0301	-.0497	.0005	-.0018	.0014	1.0715	.32660	3.281
.601	420.044	.00	19.54	1.1578	-.0264	-.0617	-.0012	-.0005	.0013	1.1009	.36231	3.039
.603	422.061	.00	20.56	1.1901	-.0222	-.0762	-.0013	-.0003	.0010	1.1232	.39713	2.828
.603	421.390	.01	21.51	1.1990	-.0180	-.0856	.0004	-.0019	.0019	1.1233	.42294	2.656
.601	419.162	.00	22.55	1.2303	-.0158	-.0916	-.0005	-.0010	.0007	1.1436	.45731	2.501
.604	423.012	.00	23.54	1.2640	-.0140	-.0983	-.0007	-.0009	.0008	1.1658	.49194	2.370
.602	420.457	.01	24.55	1.2977	-.0130	-.1045	-.0005	-.0015	.0009	1.1873	.52742	2.251

TEST 873						RUN 27						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.903 711.964	-.01	.00	.0385	.0343	-.0523	.0011	.0007	.0002	.0385	.03431	1.121	
.900 709.469	-.01	-1.78	-.0948	.0358	-.0441	.0012	.0008	.0001	-.0936	.03871	-2.418	
.905 712.965	-.01	.00	.0353	.0345	-.0523	.0012	.0007	.0000	.0353	.03446	1.024	
.903 711.461	-.01	2.24	.1921	.0295	-.0603	.0012	.0007	.0002	.1908	.03701	5.155	
.903 711.441	-.01	4.52	.3800	.0212	-.0777	.0017	.0006	.0000	.3772	.05111	7.380	
.903 711.762	-.00	6.86	.5638	.0138	-.0983	.0012	.0004	.0003	.5582	.08103	6.889	
.904 712.804	-.00	9.20	.7163	.0046	-.0985	.0010	-.0001	.0006	.7066	.11902	5.937	
.902 711.299	-.00	10.36	.7909	.0009	-.0969	.0006	-.0000	.0001	.7772	.14298	5.436	
.905 713.602	-.00	11.56	.8683	-.0003	-.1004	.0005	-.0006	.0002	.8511	.17380	4.897	
.907 714.911	-.00	12.68	.9165	-.0016	-.0940	.0000	.0000	-.0001	.8949	.19963	4.483	
.907 714.555	-.00	13.86	.9707	-.0012	-.0944	-.0000	.0001	-.0005	.9432	.23128	4.078	
.907 714.865	-.00	14.95	1.0208	-.0020	-.0964	-.0004	.0003	-.0006	.9874	.26147	3.776	
.908 715.566	-.00	16.14	1.0682	-.0011	-.0994	.0011	-.0001	-.0008	1.0272	.29586	3.472	
.906 713.746	-.00	17.23	1.0957	-.0017	-.0994	.0008	.0002	-.0003	1.0479	.32288	3.245	

TEST 873						RUN 28						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.601 419.422	-.00	.00	.0240	.0303	-.0444	.0007	.0001	.0008	.0240	.03031	.791	
.600 418.364	-.00	-1.60	-.0761	.0313	-.0398	.0010	.0005	.0001	-.0752	.03339	-2.253	
.601 419.007	-.00	.04	.0271	.0301	-.0443	.0008	.0003	.0011	.0271	.03016	.899	
.600 418.669	-.00	2.08	.1457	.0258	-.0473	.0004	-.0001	.0013	.1447	.03106	4.660	
.600 418.751	-.00	4.17	.2744	.0173	-.0492	.0005	.0003	.0003	.2724	.03717	7.329	
.600 418.438	-.00	6.32	.4187	.0049	-.0526	.0012	-.0001	.0014	.4156	.05099	8.152	
.600 418.142	-.00	8.51	.5602	-.0112	-.0564	.0011	.0000	.0007	.5558	.07186	7.735	
.600 418.755	-.00	9.62	.6336	-.0195	-.0572	.0010	.0001	.0011	.6281	.08670	7.244	
.600 418.808	-.00	10.75	.7066	-.0264	-.0583	.0010	.0002	.0008	.6993	.10590	6.604	
.601 419.126	-.00	11.89	.7762	-.0329	-.0567	.0006	.0001	.0011	.7666	.12778	5.999	
.600 418.798	-.00	13.03	.8411	-.0382	-.0538	.0003	-.0001	.0013	.8283	.15243	5.434	
.601 419.325	-.00	14.13	.9020	-.0404	-.0508	.0010	.0001	.0007	.8850	.18103	4.889	
.601 419.537	-.00	15.31	.9629	-.0429	-.0481	.0011	-.0004	.0011	.9425	.21281	4.419	
.599 417.353	.00	16.43	1.0117	-.0441	-.0471	.0011	-.0013	.0009	.9835	.24392	4.032	
.601 419.156	.02	17.43	1.0359	-.0421	-.0492	.0034	-.0032	-.0002	1.0015	.27013	3.707	
.601 419.720	.00	18.42	1.0463	-.0386	-.0539	.0001	-.0009	.0000	1.0056	.29407	3.420	
.600 418.807	.00	19.45	1.0827	-.0358	-.0585	-.0010	-.0001	-.0002	1.0337	.32669	3.164	
.600 418.401	-.00	20.49	1.1110	-.0324	-.0648	-.0014	.0002	-.0012	1.0530	.35851	2.937	
.600 417.818	.00	21.45	1.1338	-.0280	-.0734	-.0004	-.0010	.0005	1.0637	.38744	2.745	
.601 419.415	.00	22.47	1.1609	-.0248	-.0795	-.0003	-.0011	.0002	1.0834	.42066	2.575	
.602 420.175	.00	23.46	1.1950	-.0234	-.0872	-.0005	-.0010	.0000	1.1068	.45430	2.436	
.602 419.865	.00	24.49	1.2356	-.0228	-.0953	-.0006	-.0010	-.0003	1.1353	.49148	2.310	

TABLE II.- TABULATED RESULTS -- Continued

TEST 873												RUN 29	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.905	713.167	.00	.11	.1413	.0463	-.0940	.0182	-.0002	-.0026	.1412	.04662	3.029	
.905	712.831	.00	-1.63	.0047	.0483	-.0846	.0174	.0004	-.0028	.0061	.04818	.127	
.904	712.468	.00	.19	.1438	.0460	-.0937	.0181	.0002	-.0026	.1437	.04649	3.090	
.904	712.131	.00	2.36	.3063	.0412	-.1074	.0187	.0003	-.0016	.3044	.05381	5.657	
.906	713.447	.00	4.67	.4890	.0333	-.1261	.0170	-.0002	-.0000	.4848	.07305	6.637	
.903	711.849	.00	6.96	.6496	.0254	-.1365	.0150	-.0005	-.0002	.6419	.10390	6.178	
.904	712.199	.01	9.28	.7988	.0181	-.1356	.0134	-.0009	-.0005	.7857	.14662	5.359	
.905	712.930	.01	10.44	.8746	.0158	-.1363	.0127	-.0011	-.0007	.8576	.17409	4.926	
.905	713.133	.01	11.64	.9469	.0141	-.1364	.0121	-.0011	-.0009	.9251	.20493	4.514	
.906	714.172	.01	12.74	1.0025	.0135	-.1333	.0131	-.0012	-.0005	.9754	.23437	4.162	
.907	714.937	.01	13.97	1.0592	.0127	-.1313	.0127	-.0015	.0000	1.0255	.26806	3.825	
.905	713.227	.02	15.05	1.0942	.0110	-.1234	.0111	-.0020	.0006	1.0546	.29471	3.578	
.909	716.025	.02	16.20	1.1332	.0124	-.1247	.0113	-.0028	.0010	1.0857	.32808	3.309	
.904	712.443	.02	17.27	1.1635	.0119	-.1240	.0112	-.0030	.0021	1.1085	.35681	3.107	
TEST 873												RUN 30	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.601	418.732	.00	.10	.1262	.0417	-.0782	.0188	-.0007	-.0006	.1261	.04195	3.006	
.599	417.257	.00	-1.51	.0222	.0429	-.0726	.0186	-.0005	-.0005	.0233	.04232	.550	
.601	418.981	.00	.11	.1217	.0418	-.0782	.0187	-.0007	-.0010	.1216	.04199	2.897	
.601	419.303	.00	2.16	.2481	.0361	-.0824	.0192	-.0005	-.0018	.2466	.04544	5.427	
.599	417.669	.00	4.24	.3752	.0267	-.0845	.0191	-.0003	-.0020	.3722	.05437	6.846	
.599	417.330	.00	6.43	.5182	.0129	-.0877	.0194	-.0006	-.0017	.5136	.07082	7.251	
.600	417.860	.00	8.63	.6664	-.0042	-.0921	.0192	-.0005	-.0016	.6596	.09577	6.888	
.601	419.467	.00	9.70	.7381	-.0122	-.0944	.0190	-.0000	-.0023	.7298	.11241	6.493	
.601	418.953	.00	10.86	.8151	-.0188	-.0968	.0202	.0701	-.0033	.8043	.13506	5.955	
.601	419.688	.00	11.96	.8805	-.0250	-.0940	.0188	-.0002	-.0025	.8669	.15808	5.484	
.602	420.117	.00	13.12	.9414	-.0295	-.0884	.0183	-.0006	-.0013	.9239	.18496	4.995	
.602	420.147	.01	14.22	.9969	-.0323	-.0827	.0189	-.0009	-.0010	.9748	.21357	4.564	
.601	419.045	.01	15.40	1.0567	-.0342	-.0779	.0178	-.0020	.0003	1.0284	.24765	4.153	
.601	419.438	.02	16.46	1.0926	-.0361	-.0755	.0169	-.0041	-.0003	1.0582	.27677	3.823	
.601	419.430	.03	17.49	1.1098	-.0317	-.0730	.0183	-.0065	.0011	1.0688	.30327	3.524	
.601	419.575	.02	18.52	1.1010	-.0294	-.0689	.0095	-.0038	.0006	1.0541	.32184	3.275	
.603	421.413	.02	19.53	1.1371	-.0260	-.0724	.0079	-.0036	.0003	1.0813	.35564	3.040	
.602	420.763	.02	20.57	1.1640	-.0221	-.0785	.0082	-.0042	.0005	1.0986	.38826	2.830	
.603	421.367	.03	21.56	1.1885	-.0175	-.0878	.0088	-.0054	.0000	1.1129	.42046	2.647	
.602	420.303	.03	22.57	1.2147	-.0147	-.0934	.0080	-.0056	-.0000	1.1286	.45266	2.493	
.603	421.056	.03	23.53	1.2428	-.0132	-.0996	.0070	-.0052	.0000	1.1461	.48397	2.368	
.602	420.588	.03	24.58	1.2802	-.0122	-.1074	.0067	-.0054	.0002	1.1708	.52150	2.245	
TEST 873												RUN 31	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.796	618.310	.01	.10	.1339	.0433	-.0846	.0182	-.0905	-.0010	.1339	.04355	3.074	
.797	618.772	.00	-1.50	.0178	.0442	-.0770	.0177	-.0001	-.0011	.0190	.04375	.433	
.795	617.319	.01	.13	.1307	.0434	-.0845	.0182	-.0006	-.0008	.1307	.04364	2.994	
.796	618.497	.00	2.29	.2742	.0375	-.0919	.0190	-.0003	-.0007	.2725	.04842	5.628	
.797	619.348	.00	4.54	.4305	.0270	-.0969	.0192	-.0003	-.0009	.4270	.06101	6.999	
.797	619.140	.00	6.80	.5943	.0143	-.1036	.0196	-.0008	.0004	.5886	.08457	6.960	
.796	617.899	.01	9.10	.7594	.0006	-.1091	.0193	-.0004	-.0012	.7500	.12079	6.209	
.797	619.440	.01	11.43	.9029	-.0065	-.1035	.0143	-.0005	-.0024	.8866	.17260	5.137	
.795	617.602	.01	13.72	1.0066	-.0108	-.0901	.0127	-.0012	-.0017	.9810	.22824	4.298	
.798	619.693	.02	16.02	1.0864	-.0119	-.0743	.0153	-.0027	.0010	1.0482	.28839	3.635	
.797	619.173	.03	18.05	1.1060	-.0067	-.0724	.0089	-.0039	.0014	1.0546	.33632	3.136	
.802	623.402	.03	20.13	1.1728	-.0007	-.0965	.0076	-.0044	.0014	1.1025	.40293	2.736	
.801	622.454	.03	22.12	1.2238	.0066	-.1172	.0037	-.0035	-.0007	1.1325	.46694	2.425	
.800	621.777	.02	24.17	1.2939	.0110	-.1330	.0066	-.0028	-.0003	1.1775	.53985	2.181	
.801	622.589	.03	25.19	1.3294	.0108	-.1406	.0073	-.0040	.0008	1.2001	.57550	2.085	
TEST 873												RUN 32	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.905	714.486	-.01	.08	.0844	.0580	-.0849	.0273	.0034	-.0089	.0844	.05810	1.452	
.905	714.737	-.01	-1.77	-.0631	.0588	-.0709	.0267	.0035	-.0091	-.0613	.06073	-1.009	
.906	715.868	-.01	.10	.0850	.0577	-.0846	.0270	.0033	-.0088	.0849	.05783	1.468	
.905	714.723	-.01	2.28	.2452	.0519	-.0960	.0279	.0034	-.0078	.2430	.06160	3.944	
.906	715.184	-.01	4.58	.4127	.0435	-.1064	.0299	.0030	-.0059	.4080	.07632	5.345	
.905	714.738	-.01	6.89	.5819	.0333	-.1195	.0283	.0020	-.0032	.5739	.10291	5.576	
.906	715.381	-.00	9.26	.7479	.0255	-.1250	.0207	.0010	-.0034	.7343	.14546	5.048	
.905	714.989	.00	10.43	.8338	.0222	-.1293	.0182	.0305	-.0028	.8163	.17286	4.722	
.907	716.381	.01	11.65	.9151	.0209	-.1345	.0166	-.0000	-.0021	.8925	.20520	4.349	
.909	718.322	.01	12.77	.9800	.0207	-.1368	.0184	-.0004	-.0015	.9517	.23684	4.018	
.907	716.776	.01	13.96	1.0389	.0174	-.1326	.0174	-.0014	-.0006	1.0046	.26762	3.754	
.907	716.134	.02	15.05	1.0872	.0153	-.1316	.0154	-.0019	-.0000	1.0467	.29716	3.522	
.907	716.797	.02	16.25	1.1387	.0148	-.1345	.0132	-.0027	.0002	1.0900	.33292	3.274	
.905	714.791	.02	17.33	1.1694	.0129	-.1306	.0104	-.0026	.0011	1.1134	.36056	3.088	

TABLE II.- TABULATED RESULTS - Continued

TEST 873												RUN 33	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CO	L/D	
.798	621.310	-0.00	.04	.0909	.0516	-.0799	.0255	.0024	-.0063	.0908	.05162	1.760	
.797	620.567	-0.01	-1.34	-.0096	.0525	-.0726	.0258	.0028	-.0067	-.0083	.05273	-1.158	
.797	620.255	-0.00	.07	.0904	.0514	-.0796	.0253	.0022	-.0059	.0904	.05154	1.753	
.798	621.003	-0.01	2.19	.2294	.0461	-.0863	.0267	.0026	-.0063	.2275	.05486	4.147	
.799	622.008	-0.01	4.42	.3778	.0365	-.0894	.0289	.0028	-.0065	.3740	.06556	5.704	
.798	621.379	-0.01	6.72	.5416	.0231	-.0954	.0294	.0020	-.0041	.5352	.08628	6.203	
.796	619.680	-0.01	9.03	.7158	.0082	-.1027	.0290	.0015	-.0024	.7059	.12047	5.859	
.798	621.683	-0.00	10.16	.7881	.0034	-.0996	.0247	.0014	-.0035	.7754	.14235	5.447	
.798	621.200	-0.00	11.36	.8652	-.0001	-.0970	.0233	.0012	-.0025	.8486	.17038	4.981	
.799	622.716	.00	12.51	.9379	-.0033	-.0953	.0200	.0005	-.0027	.9168	.20000	4.584	
.798	621.488	.01	13.70	.9944	-.0067	-.0878	.0187	-.0005	-.0017	.9683	.22905	4.227	
.800	622.925	.01	14.80	1.0388	-.0085	-.0816	.0183	-.0018	-.0001	1.0071	.25708	3.917	
.798	621.761	.02	15.99	1.0800	-.0104	-.0749	.0169	-.0025	.0005	1.0418	.28758	3.623	
.799	622.304	.02	17.00	1.0819	-.0088	-.0673	.0138	-.0030	.0005	1.0380	.30799	3.370	
.798	621.394	.03	18.02	1.1077	-.0059	-.0752	.0080	-.0040	.0007	1.0560	.33704	3.133	
.800	623.084	.03	19.08	1.1408	-.0038	-.0823	.0068	-.0045	.0015	1.0803	.36937	2.925	
.801	624.066	.03	20.10	1.1708	-.0008	-.0942	.0081	-.0037	.0007	1.1009	.40164	2.741	
.801	623.766	.03	21.13	1.1949	.0025	-.1060	.0080	-.0044	.0007	1.1148	.43296	2.575	
.802	625.096	.02	22.13	1.2208	.0078	-.1164	.0048	-.0031	-.0007	1.1293	.46718	2.417	
.802	625.277	.02	23.16	1.2552	.0109	-.1240	.0066	-.0022	-.0014	1.1512	.50373	2.285	
.801	624.115	.02	24.15	1.2909	.0117	-.1333	.0069	-.0027	-.0004	1.1747	.53881	2.180	
.803	625.938	.03	25.18	1.3371	.0122	-.1432	.0078	-.0042	.0002	1.2065	.57996	2.080	

TEST 873												RUN 34	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.698	522.857	-0.00	.04	.0927	.0500	-.0780	.0245	.0019	-.0055	.0926	.05007	1.850	
.699	523.431	-0.00	-1.50	-.0118	.0513	-.0711	.0250	.0023	-.0062	-.0105	.05162	-2.203	
.700	524.413	-0.00	.05	.0919	.0498	-.0777	.0246	.0020	-.0058	.0919	.04984	1.844	
.700	525.026	-0.00	2.12	.2209	.0451	-.0830	.0258	.0022	-.0061	.2192	.05321	4.119	
.698	522.695	-0.00	4.32	.3620	.0355	-.0853	.0276	.0024	-.0065	.3583	.06269	5.716	
.700	524.901	-0.00	6.50	.5028	.0221	-.0872	.0281	.0019	-.0053	.4972	.07892	6.299	
.701	525.356	-0.00	8.77	.6648	.0050	-.0939	.0281	.0017	-.0040	.6564	.10632	6.174	
.700	524.953	-0.00	9.89	.7433	-.0031	-.0947	.0270	.0018	-.0043	.7330	.12463	5.881	
.701	525.757	-0.00	11.11	.8287	-.0096	-.0963	.0249	.0016	-.0047	.8153	.15025	5.426	
.701	526.110	-0.00	12.21	.9002	-.0153	-.0938	.0247	.0012	-.0040	.8835	.17552	5.034	
.701	525.808	-0.00	13.39	.9670	-.0189	-.0881	.0238	.0008	-.0027	.9456	.20559	4.599	
.699	524.102	.00	14.49	1.0221	-.0215	-.0819	.0218	-.0000	-.0016	.9955	.23489	4.238	
.699	524.096	.01	15.68	1.0731	-.0218	-.0770	.0194	-.0017	-.0007	1.0397	.26909	3.864	
.700	524.848	.04	16.69	1.0751	-.0206	-.0765	.0176	-.0056	-.0008	1.0364	.28902	3.586	
.701	525.282	.02	17.68	1.0764	-.0196	-.0729	.0104	-.0038	-.0002	1.0323	.30825	3.349	
.700	524.918	.02	18.76	1.1180	-.0173	-.0769	.0089	-.0038	-.0007	1.0651	.34310	3.104	
.701	525.493	.03	19.79	1.1473	-.0145	-.0810	.0086	-.0041	-.0001	1.0855	.37486	2.896	
.702	527.094	.03	20.80	1.1697	-.0106	-.0893	.0089	-.0039	-.0007	1.0983	.40542	2.709	
.702	526.188	.03	21.83	1.1996	-.0075	-.0991	.0089	-.0050	-.0006	1.1176	.43906	2.545	
.700	524.650	.03	22.84	1.2330	-.0054	-.1063	.0083	-.0050	-.0001	1.1397	.47374	2.406	
.701	525.812	.03	23.87	1.2741	-.0045	-.1133	.0079	-.0056	.0006	1.1684	.51158	2.284	
.703	527.210	.03	24.87	1.3140	-.0040	-.1206	.0076	-.0057	.0016	1.1954	.54896	2.178	

TEST 873							RUN 35					
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.601	420.474	-0.00	.06	.0996	.0491	-.0777	.0237	.0017	-.0049	.0996	.04918	2.024
.600	419.746	-0.00	-1.56	-.0060	.0505	-.0713	.0241	.0019	-.0046	-.0046	.05061	-.092
.601	420.806	-0.00	.07	.0956	.0493	-.0782	.0239	.0015	-.0044	.0956	.04940	1.935
.601	420.466	-0.00	2.09	.2168	.0441	-.0806	.0252	.0017	-.0052	.2151	.05200	4.136
.601	420.220	-0.00	4.22	.3485	.0349	-.0825	.0264	.0021	-.0061	.3450	.06044	5.709
.600	419.823	-0.00	6.39	.4850	.0216	-.0847	.0275	.0019	-.0061	.4797	.07540	6.362
.600	419.854	-0.00	8.57	.6293	.0045	-.0894	.0271	.0017	-.0052	.6218	.09826	6.328
.601	420.381	-0.00	9.66	.7047	-.0041	-.0912	.0274	.0018	-.0046	.6956	.11415	6.094
.602	421.183	-0.00	10.82	.7825	-.0116	-.0931	.0273	.0021	-.0061	.7711	.13553	5.689
.601	420.750	-0.00	11.92	.8543	-.0188	-.0918	.0257	.0015	-.0050	.8401	.15808	5.315
.601	420.019	.00	13.10	.9239	-.0239	-.0874	.0244	.0009	-.0035	.9057	.18619	4.864
.601	420.452	.00	14.18	.9839	-.0276	-.0821	.0237	.0003	-.0023	.9612	.21432	4.485
.600	419.755	.01	15.37	1.0491	-.0311	-.0790	.0207	-.0013	-.0010	1.0204	.24808	4.113
.602	421.307	.02	16.46	1.0835	-.0315	-.0779	.0191	-.0042	-.0015	1.0488	.27670	3.790
.601	420.538	.03	17.45	1.1071	-.0302	-.0755	.0196	-.0065	-.0002	1.0660	.30327	3.515
.601	420.759	.02	18.46	1.0967	-.0283	-.0685	.0103	-.0045	-.0006	1.0501	.32045	3.277
.601	420.104	.02	19.49	1.1340	-.0254	-.0726	.0082	-.0039	-.0010	1.0784	.35447	3.042
.602	421.782	.02	20.52	1.1620	-.0220	-.0778	.0081	-.0039	-.0011	1.0970	.38681	2.836
.601	420.464	.02	21.51	1.1830	-.0180	-.0857	.0086	-.0046	-.0004	1.1083	.41711	2.657
.602	421.236	.03	22.53	1.2154	-.0147	-.0933	.0081	-.0054	-.0002	1.1295	.45215	2.498
.601	420.419	.02	23.52	1.2467	-.0130	-.1001	.0069	-.0049	-.0004	1.1497	.48556	2.368
.602	421.108	.02	24.53	1.2825	-.0120	-.1079	.0067	-.0050	-.0001	1.1732	.52154	2.250

TEST 873							RUN 36					
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.905	715.869	-.01	.03	.0390	.0316	-.0491	.0007	.0007	.0002	.0390	.03161	1.235
.902	713.379	-.01	-1.85	-.1011	.0328	-.0418	.0002	.0006	.0004	-.1000	.03606	-2.773
.905	715.871	-.01	.06	.0369	.0316	-.0491	.0004	.0007	.0002	.0368	.03163	1.164
.904	715.013	-.01	2.25	.1946	.0277	-.0575	.0006	.0008	-.0003	.1933	.03530	5.476
.904	714.750	-.01	4.56	.3889	.0213	-.0795	.0008	.0006	-.0000	.3860	.05209	7.410
.904	715.482	-.00	6.86	.5565	.0169	-.0969	.0007	.0006	-.0003	.5506	.08322	6.616
.903	714.398	-.00	9.12	.6770	.0122	-.0904	.0002	.0005	-.0008	.6667	.11939	5.584
.905	715.678	-.00	10.28	.7404	.0112	-.0895	-.0002	.0005	-.0010	.7268	.14314	5.078
.905	715.534	-.00	11.47	.8014	.0096	-.0869	-.0006	.0005	-.0009	.7838	.16873	4.645
.906	716.464	-.00	12.60	.8521	.0092	-.0862	-.0002	.0005	-.0011	.8300	.19480	4.261
.909	719.011	-.00	13.75	.9094	.0099	-.0912	.0002	.0006	-.0013	.8815	.22574	3.905
.908	718.133	-.00	14.84	.9578	.0097	-.0942	-.0005	.0010	-.0019	.9239	.25644	3.628
.908	718.128	-.00	16.08	1.0040	.0084	-.0948	-.0002	.0011	-.0024	.9631	.28613	3.366
.906	716.873	-.00	17.17	1.0567	.0095	-.1019	.0018	.0007	-.0016	1.0076	.32100	3.139



**TABLE II.- TABULATED RESULTS - Continued**

TEST 873							RUN 37					
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CO	L/D
.600	419.891	-.00	.03	.0267	.0280	-.0418	.0005	-.0001	.0022	.0267	.02803	.953
.601	420.483	-.00	-1.60	-.0732	.0287	-.0381	.0003	.0003	.0016	-.0723	.03077	-2.351
.601	420.468	-.00	.05	.0273	.0280	-.0417	.0003	.0001	.0016	.0272	.02801	.973
.601	420.795	-.00	2.08	.1476	.0243	-.0452	.0005	.0000	.0018	.1466	.02963	4.949
.602	421.460	-.00	4.17	.2782	.0164	-.0485	.0004	.0001	.0011	.2763	.03658	7.554
.601	420.891	-.00	6.35	.4262	.0062	-.0543	.0005	.0001	.0010	.4230	.05331	7.934
.598	417.831	-.00	8.54	.5679	-.0062	-.0598	.0004	.0004	-.0003	.5626	.07824	7.190
.598	418.047	-.00	9.63	.6361	-.0116	-.0610	.0004	.0005	-.0003	.6292	.09492	6.629
.601	420.432	-.00	10.78	.7099	-.0171	-.0617	.0007	.0005	-.0003	.7008	.11593	6.045
.599	419.100	-.00	11.88	.7689	-.0219	-.0591	.0011	.0005	-.0003	.7571	.13685	5.533
.600	419.869	-.00	13.05	.8396	-.0247	-.0593	.0004	.0005	-.0008	.8238	.16547	4.979
.603	422.710	-.00	14.12	.8930	-.0268	-.0568	.0013	.0000	-.0005	.8729	.19185	4.550
.601	420.451	.00	15.33	.9524	-.0276	-.0539	.0008	-.0000	-.0003	.9264	.22513	4.115
.601	420.666	.00	16.37	.9883	-.0275	-.0512	.0011	.0001	-.0007	.9566	.25206	3.795
.601	420.641	.00	17.43	1.0141	-.0269	-.0440	.0035	-.0003	-.0013	.9763	.27806	3.511
.600	420.287	.00	18.44	1.0215	-.0239	-.0387	.0023	-.0003	-.0008	.9773	.30033	3.254
.601	421.027	-.00	19.44	1.0351	-.0195	-.0405	-.0001	.0005	-.0011	.9834	.32610	3.016
.600	419.775	-.00	20.44	1.0481	-.0149	-.0462	-.0003	.0004	-.0005	.9882	.35201	2.807
.600	419.845	-.00	21.41	1.0427	-.0085	-.0570	.0000	.0005	-.0008	.9748	.37273	2.615
.601	421.259	.00	22.43	1.0670	-.0054	-.0664	.0010	-.0006	-.0003	.9893	.40208	2.460
.601	421.013	.00	23.41	1.1062	-.0049	-.0761	.0010	-.0005	-.0003	1.0182	.43499	2.341
.601	421.024	.00	24.44	1.1461	-.0048	-.0861	.0005	-.0005	-.0001	1.0467	.46979	2.228

TEST 873							RUN 38					
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	-CSIDE	CL	CD	L/D
.797	621.728	-.00	-0.06	.0155	.0361	-.0554	.0011	.0005	.0006	.0156	.03613	.431
.797	621.070	-.00	-1.39	-.0803	.0385	-.0530	.0008	.0003	.0003	-.0794	.04043	-1.963
.797	621.437	-.00	-.04	.0153	.0360	-.0552	.0011	.0006	.0003	.0153	.03599	.425
.797	621.948	-.00	2.15	.1631	.0293	-.0576	.0012	.0005	.0007	.1619	.03537	4.577
.798	622.145	-.00	4.38	.3159	.0180	-.0591	.0016	.0002	.0013	.3137	.04212	7.447
.798	622.765	-.00	6.68	.4765	.0044	-.0628	.0018	.0000	.0018	.4728	.05980	7.907
.798	622.662	-.00	8.96	.6374	-.0087	-.0654	.0015	.0002	.0010	.6311	.09071	6.958
.798	622.585	-.00	10.14	.7135	-.0152	-.0650	.0011	.0002	.0008	.7052	.11069	6.371
.797	621.398	-.00	11.31	.7866	-.0213	-.0640	.0010	.0004	-.0001	.7758	.13338	5.817
.798	622.247	-.00	12.50	.8596	-.0262	-.0625	.0008	.0004	-.0000	.8452	.16046	5.267
.800	624.738	-.00	13.67	.9195	-.0281	-.0609	.0004	.0003	-.0002	.9005	.19001	4.739
.798	623.040	-.00	14.79	.9653	-.0291	-.0510	.0006	.0003	-.0002	.9413	.21817	4.315
.798	622.850	-.00	15.95	1.0127	-.0309	-.0468	.0024	.0005	-.0010	.9828	.24861	3.953
.800	624.679	-.02	17.00	1.0300	-.0301	-.0524	.0009	.0027	.0007	.9944	.27241	3.651
.800	623.933	-.00	17.97	1.0350	-.0267	-.0677	.0012	.0002	-.0005	.9935	.29388	3.381
.800	624.406	.01	19.02	1.0655	-.0237	-.0789	.0019	-.0010	.0001	1.0158	.32488	3.127
.799	622.997	.02	20.06	1.1016	-.0217	-.0918	.0024	-.0022	.0003	1.0431	.35754	2.918
.799	623.429	.02	21.13	1.1479	-.0202	-.1011	.0015	-.0021	.0000	1.0790	.39501	2.732
.801	625.053	-.01	22.17	1.1889	-.0146	-.0847	-.0035	.0015	.0003	1.0891	.42762	2.547
.801	624.75C	.02	23.18	1.2031	-.0132	-.0918	-.0032	.0027	.0002	1.1124	.46140	2.411
.831	625.575	-.02	24.22	1.2445	-.0125	-.1018	-.0021	.0020	.0006	1.1415	.49906	2.287
.803	627.015	-.01	25.26	1.2857	-.0114	-.1143	-.0004	.0005	.0011	1.1691	.53841	2.171

TEST 873							RUN 39					
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.905	716.193	-.01	.03	.0614	.0495	-.0751	.0263	.0036	-.0085	.0614	.04957	1.239
.902	714.011	-.01	-1.75	-.0646	.0494	-.0666	.0263	-.0077	-.0630	-.05135	-1.227	
.904	715.959	-.01	.06	.0609	.0494	-.0748	.0263	.0036	-.0087	.0608	.04949	1.229
.904	716.174	-.01	2.30	.2258	.0451	-.0849	.0277	.0040	-.0086	.2238	.05417	4.132
.905	716.830	-.01	4.58	.3977	.0384	-.0984	.0292	.0037	-.0070	.3935	.06999	5.622
.903	715.381	-.01	6.92	.5759	.0331	-.1135	.0248	.0021	-.0042	.5679	.10227	5.553
.906	717.927	.00	9.24	.7352	.0319	-.1220	.0184	.0005	-.0030	.7208	.14956	4.820
.906	717.243	.02	11.54	.8585	.0302	-.1235	.0124	-.0011	-.0029	.8355	.20129	4.151
.906	717.490	.02	12.66	.9121	.0299	-.1265	.0106	-.0019	-.0023	.8838	.22913	3.857
.909	719.498	.02	13.84	.9707	.0321	-.1367	.0085	-.0019	.0003	.9354	.26342	3.551
.909	720.182	.02	14.91	1.0135	.0336	-.1376	.0092	-.0023	.0012	.9715	.29328	3.312
.909	719.924	.02	16.13	1.0743	.0360	-.1429	.0104	-.0029	.0018	1.0229	.33306	3.071
.908	718.824	.02	17.17	1.0933	.0393	-.1400	.0100	.0028	.0013	1.0339	.36039	2.869

TEST 873							RUN 40						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.796	621.200	-.01	.10	.0716	.0443	-.0689	.0247	.0030	-.0067	.0715	.04442	1.610	
.797	621.801	-.01	-1.66	-.0461	.0445	-.0645	.0246	.0030	-.0063	-.0448	.04584	-.978	
.798	623.264	-.02	.08	.0643	.0444	-.0690	.0246	.0029	-.0068	.0642	.04449	1.444	
.797	622.342	-.01	2.24	.2644	.0405	-.0750	.0252	.0033	-.0076	.2027	.04842	4.186	
.799	624.147	-.01	4.42	.3534	.0329	-.0815	.0275	.0034	-.0075	.3499	.06006	5.825	
.798	622.808	-.01	6.73	.5348	.0250	-.0952	.0262	.0019	-.0042	.5283	.08750	6.038	
.796	621.331	.00	9.01	.7000	.0192	-.1039	.0241	.0008	-.0031	.6885	1.2864	5.352	
.799	624.032	.01	10.18	.7769	.0174	-.1057	.0223	.0004	-.0037	.7618	.15447	4.932	
.799	624.421	.01	11.35	.8407	.0159	-.1076	.0208	-.0907	-.0034	.8215	.18101	4.538	
.800	624.821	.01	12.43	.8778	.0152	-.1040	.0163	-.0015	-.0013	.8544	.20375	4.194	
.799	624.288	.01	13.55	.9135	.0178	-.1024	.0106	-.0316	-.0002	.8844	.23133	3.823	
.800	624.459	.02	14.63	.9530	.0190	-.1007	.0103	-.0024	.0006	.9179	.25903	3.544	
.799	623.913	.02	15.81	.9871	.0213	-.0979	.0104	-.0029	.0010	.9447	.28938	3.265	
.799	623.771	.03	16.88	1.0081	.0240	-.0950	.0129	-.0038	.0017	.9584	.31576	3.035	
.800	625.096	.02	17.81	.9880	.0298	-.0946	.0095	-.0028	.0003	.9323	.33553	2.821	
.800	624.454	.02	18.86	1.0127	.0324	-.1045	.0087	-.0018	-.0012	.9487	.35809	2.649	
.801	625.482	.02	19.92	1.0510	.0348	-.1165	.0080	-.0017	-.0012	.9772	.39088	2.500	
.800	624.996	.01	20.93	1.0873	.0358	-.1259	.0072	-.0016	-.0011	1.0038	.42188	2.379	
.804	627.956	.01	21.99	1.1308	.0367	-.1367	.0067	-.0017	-.0007	1.0359	.45741	2.265	
.802	626.441	.01	23.02	1.1781	.0370	-.1455	.0065	-.0021	.0001	1.0711	.49983	2.165	
.801	625.864	.02	24.06	1.2215	.0367	-.1521	.0068	-.0028	.0008	1.1018	.53144	2.073	
.803	627.618	.02	25.12	1.2778	.0360	-.1627	.0062	-.0031	.0016	1.1433	.57498	1.988	

TABLE II.- TABULATED RESULTS - Continued

TEST 873											RUN 41	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.699	525.218	-.01	.09	.0657	.0427	-.0668	.0235	.0026	-.0057	.0656	.04283	1.532
.698	524.218	-.01	-1.46	-.0281	.0429	-.0634	.0236	.0026	-.0054	-.0270	.04365	-.619
.701	526.386	-.01	.10	.0688	.0429	-.0671	.0238	.0025	-.0056	.0687	.04297	1.600
.699	524.434	-.00	2.20	.1989	.0388	-.0717	.0242	.0028	-.0073	.1973	.04643	4.249
.700	525.781	-.01	4.34	.3369	.0312	-.0769	.0260	.0029	-.0069	.3337	.05656	5.899
.701	526.630	-.00	6.58	.4968	.0223	-.0863	.0262	.0018	-.0049	.4911	.07901	6.216
.700	526.252	.00	8.82	.6649	.0153	-.0965	.0251	.0009	-.0031	.6549	.11708	5.593
.699	525.272	.00	9.95	.7412	.0118	-.0994	.0247	.0007	-.0037	.7282	.13966	5.214
.700	526.185	.01	11.11	.8046	.0089	-.0978	.0218	-.0001	-.0035	.7881	.16382	4.811
.700	525.712	.01	12.18	.8505	.0078	-.0947	.0179	-.0010	-.0022	.8301	.18703	4.438
.700	525.506	.02	13.29	.8845	.0083	-.0930	.0157	-.0022	-.0012	.8594	.21129	4.067
.699	525.371	.01	14.37	.9157	.0091	-.0879	.0088	-.0022	.0001	.8853	.23599	3.752
.699	525.294	.01	15.53	.9685	.0111	-.0884	.0091	-.0023	-.0001	.9308	.27001	3.447
.699	525.053	.02	16.61	1.0062	.0130	-.0852	.0104	-.0032	.0007	.9611	.30018	3.202
.700	526.157	.02	17.68	1.0379	.0154	-.0851	.0097	-.0031	.0003	.9850	.32980	2.987
.700	526.289	.02	18.60	1.0053	.0234	-.0886	.0093	-.0029	-.0005	.9460	.34292	2.759
.700	526.126	.01	19.61	1.0222	.0262	-.0980	.0085	-.0020	-.0013	.9549	.36786	2.596
.701	526.905	.01	20.64	1.0507	.0279	-.1074	.0078	-.0015	-.0014	.9744	.39644	2.458
.702	527.397	.01	21.67	1.0919	.0290	-.1174	.0073	-.0016	-.0007	1.0050	.43018	2.336
.702	527.585	.02	22.72	1.1306	.0298	-.1256	.0074	-.0021	-.0004	1.0326	.46415	2.225
.701	527.045	.02	23.71	1.1644	.0297	-.1322	.0076	-.0031	.0003	1.0554	.49542	2.130
.703	528.845	.02	24.75	1.2156	.0294	-.1420	.0074	-.0037	.0001	1.0931	.53566	2.041

TEST 873											RUN 42	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.601	421.361	-.00	.06	.0743	.0426	-.0665	.0233	.0021	-.0049	.0743	.04269	1.740
.599	419.297	-.00	-1.06	.0094	.0429	-.0646	.0232	.0020	-.0043	.0102	.04276	.238
.600	420.536	-.00	.09	.0749	.0426	-.0666	.0236	.0020	-.0039	.0748	.04269	1.753
.601	420.864	-.00	2.13	.1975	.0386	-.0706	.0240	.0024	-.0059	.1960	.04589	4.271
.602	421.947	-.00	4.21	.3228	.0310	-.0743	.0250	.0025	-.0066	.3197	.05457	5.857
.600	420.575	-.00	6.42	.4687	.0203	-.0808	.0257	.0018	-.0054	.4636	.07261	6.384
.600	420.249	.00	8.61	.6370	.0119	-.0943	.0252	.0010	-.0045	.6282	.10707	5.867
.601	421.311	.00	9.73	.7121	.0080	-.0964	.0255	.0010	-.0043	.7007	.12819	5.466
.601	421.229	.00	10.87	.7854	.0052	-.0974	.0238	.0006	-.0035	.7706	.15328	5.027
.601	421.401	.01	11.96	.8499	.0022	-.0970	.0217	-.0003	-.0033	.8314	.17824	4.665
.600	420.682	.01	13.10	.8846	.0009	-.0912	.0183	-.0016	-.0026	.8618	.20133	4.280
.600	420.137	.01	14.13	.9053	.0019	-.0861	.0124	-.0021	-.0005	.8779	.22294	3.938
.600	419.793	.01	15.28	.9522	.0039	-.0874	.0092	-.0024	-.0006	.9181	.25478	3.604
.600	419.941	.01	16.37	1.0044	.0048	-.0795	.0102	-.0030	.0001	.9630	.28769	3.347
.600	420.092	.02	17.42	1.0419	.0065	-.0766	.0106	-.0036	.0009	.9929	.31807	3.122
.600	420.088	.02	18.49	1.0671	.0091	-.0790	.0089	-.0032	.0001	1.0100	.34699	2.911
.601	421.398	.02	19.39	1.0350	.0178	-.0868	.0089	-.0030	-.0003	.9712	.36044	2.695
.600	420.302	.01	20.39	1.0444	.0214	-.0961	.0088	-.0025	-.0007	.9724	.38402	2.532
.603	423.552	.01	21.40	1.0777	.0238	-.1065	.0081	-.0023	-.0001	.9958	.41529	2.398
.600	420.210	.01	22.40	1.1041	.0246	-.1132	.0083	-.0028	.0002	1.0124	.44355	2.283
.602	422.568	.02	23.41	1.1412	.0252	-.1213	.0085	-.0037	.0003	1.0385	.47652	2.179
.600	419.959	.02	24.40	1.1753	.0244	-.1285	.0079	-.0041	.0007	1.0616	.50784	2.090

TEST 873											RUN 43	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.903	715.292	.00	.11	.1313	.0386	-.0897	.0156	.0031	-.0013	.1312	.03883	3.380
.904	715.821	.00	-1.69	.0005	.0392	-.0808	.0156	.0030	-.0011	.0016	.03914	.042
.904	715.598	.00	.17	.1337	.0386	-.0896	.0156	.0031	-.0012	.1336	.03904	3.422
.908	718.748	.00	2.42	.3097	.0353	-.1060	.0158	.0032	-.0005	.3080	.04839	6.365
.904	715.837	.00	4.69	.4859	.0293	-.1244	.0149	.0031	-.0001	.4820	.06892	6.994
.904	716.208	.00	7.00	.6384	.0272	-.1308	.0140	-.0000	-.0007	.6305	.10479	6.016
.907	718.313	.01	9.28	.7674	.0289	-.1301	.0146	-.0008	.0003	.7530	.15218	4.948
.907	718.093	.01	10.37	.8137	.0291	-.1242	.0144	-.0010	.0001	.7955	.17511	4.543
.909	720.092	.01	11.57	.8634	.0297	-.1201	.0146	-.0013	.0004	.8403	.20226	4.155
.910	720.471	.02	12.66	.9308	.0307	-.1330	.0086	-.0019	-.0014	.9019	.23398	3.855
.907	718.248	.01	13.80	.9632	.0312	-.1334	.0090	-.0015	.0016	.9285	.26006	3.570
.912	722.745	.02	14.95	1.0444	.0358	-.1454	.0097	-.0023	.0020	1.0005	.30399	3.291
.912	722.333	.02	16.11	1.0876	.0371	-.1466	.0104	-.0030	.0021	1.0355	.33743	3.069
.913	723.041	.02	17.22	1.1316	.0399	-.1518	.0120	-.0031	.0022	1.0701	.37306	2.868

TEST 873											RUN 44	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.600	420.232	.00	.13	.1191	.0345	-.0728	.0162	-.0010	.0009	.1191	.03477	3.425
.600	419.827	.00	-1.47	.0207	.0350	-.0687	.0164	-.0008	.0009	.0216	.03450	.626
.600	420.646	.00	.15	.1155	.0345	-.0731	.0162	-.0008	.0004	.1154	.03479	3.317
.602	422.376	.00	2.19	.2440	.0300	-.0778	.0161	-.0008	.0001	.2427	.03933	6.172
.601	421.806	.00	4.28	.3761	.0219	-.0832	.0165	-.0002	-.0013	.3735	.04993	7.481
.601	421.845	.00	6.46	.5226	.0121	-.0901	.0163	-.0007	-.0003	.5180	.07081	7.316
.600	420.377	.01	8.68	.6766	.0049	-.0985	.0177	-.0008	-.0009	.6683	.10690	6.252
.600	419.950	.01	9.73	.7427	.0020	-.1000	.0186	-.0006	-.0018	.7319	.12746	5.742
.599	419.215	.01	10.89	.8086	.0003	-.1001	.0181	-.0006	-.0021	.7943	.15295	5.193
.600	420.231	.01	11.98	.8660	-.0008	-.0996	.0179	-.0010	-.0017	.8477	.17889	4.739
.601	421.345	.01	13.09	.8950	-.0006	-.0928	.0155	-.0018	-.0014	.8723	.20218	4.314
.600	420.308	.01	14.14	.9120	.0016	-.0884	.0106	-.0022	.0001	.8844	.22431	3.943
.599	419.135	.01	15.29	.9596	.0038	-.0879	.0086	-.0023	.0011	.9252	.25672	3.604
.601	421.029	.01	16.38	1.0085	.0048	-.0795	.0102	-.0030	.0009	.9669	.28904	3.345
.601	421.849	.02	17.43	1.0424	.0070	-.0769	.0106	-.0034	.0015	.9932	.31881	3.116
.601	421.591	.02	18.46	1.0617	.0101	-.0786	.0096	-.0033	.0012	1.0047	.34589	2.905
.601	421.329	.02	19.42	1.0694	.0167	-.0854	.0134	-.0056	.0030	.9850	.36474	2.701
.602	422.650	.01	20.40	1.0481	.0225	-.0976	.0092	-.0027	-.0002	.9754	.38647	2.524
.601	421.726	.01	21.40	1.0717	.0244	-.1060	.0089	-.0027	.0001	.9899	.41381	2.392
.600	420.469	.01	22.40	1.1054	.0254	-.1138	.0087	-.0032	.0011	1.0134	.44471	2.279
.602	421.882	.02	23.40	1.1389	.0256	-.1210	.0087	-.0041	.0005	1.0363	.47579	2.178
.601	421.552	.02	24.36	1.1793	.0252	-.1283	.0082	-.0045	.0003	1.0653	.50929	2.092

# TABLE II.- TABULATED RESULTS - Continued

TEST 873						RUN 45						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.602	422.972	.11	13.29	.8367	-.0099	-.0702	.0021	.0007	-.0028	.8170	.18262	4.474
.600	421.105	-6.04	13.23	.8469	-.0113	-.0734	.0172	-.0101	.0676	.8274	.18278	4.527
.603	424.232	-3.94	13.27	.8464	-.0105	-.0718	.0125	-.0060	.0418	.8265	.18407	4.490
.601	421.571	-1.92	13.28	.8433	-.0101	-.0705	.0077	-.0025	.0188	.8234	.18395	4.476
.602	422.395	.12	13.29	.8402	-.0101	-.0700	.0021	.0007	-.0027	.8204	.18326	4.477
.603	423.392	2.17	13.28	.8379	-.0101	-.0697	-.0049	.0034	-.0209	.8182	.18269	4.479
.603	423.735	4.23	13.26	.8430	-.0101	-.0721	-.0115	.0068	-.0426	.8232	.18352	4.486
.603	423.923	6.29	13.23	.8479	-.0108	-.0746	-.0164	.0108	-.0670	.8282	.18352	4.513
.603	423.559	8.33	13.16	.8418	-.0097	-.0792	-.0188	.0162	-.0970	.8223	.18226	4.512
.603	423.524	10.39	13.10	.8477	-.0113	-.0816	-.0227	.0223	-.1288	.8285	.18108	4.575
.601	422.011	12.44	13.02	.8571	-.0139	-.0839	-.0268	.0297	-.1637	.8386	.17963	4.668
.603	423.565	14.01	12.92	.8239	-.0123	-.0798	-.0199	.0355	-.1910	.8061	.17224	4.680

TEST 873						RUN 46						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.700	526.171	.18	13.49	.8477	-.0026	-.0717	.0014	.0003	-.0027	.8254	.19522	4.228
.699	525.750	-6.01	13.44	.8623	-.0053	-.0745	.0173	-.0101	.0691	.8403	.19529	4.303
.700	526.819	-3.95	13.49	.8648	-.0045	-.0731	.0122	-.0059	.0428	.8425	.19733	4.269
.701	527.502	-1.90	13.50	.8581	-.0037	-.0720	.0069	-.0027	.0192	.8357	.19674	4.248
.700	526.950	.16	13.48	.8415	-.0026	-.0714	.0014	.0003	-.0021	.8194	.19366	4.231
.701	527.585	2.20	13.47	.8379	-.0017	-.0733	-.0047	.0029	-.0216	.8156	.19352	4.215
.701	527.831	4.26	13.46	.8465	-.0031	-.0743	-.0097	.0064	-.0431	.8244	.19404	4.249
.701	527.018	6.32	13.42	.8513	-.0025	-.0791	-.0142	.0100	-.0681	.8290	.19513	4.249
.701	527.315	8.36	13.37	.8541	-.0034	-.0817	-.0188	.0161	-.0977	.8322	.19412	4.287
.700	526.294	10.39	13.30	.8607	-.0048	-.0874	-.0219	.0221	-.1298	.8392	.19330	4.341
.699	525.531	12.39	13.22	.8672	-.0059	-.0954	-.0246	.0286	-.1641	.8460	.19249	4.395
.700	526.836	13.43	13.16	.8665	-.0066	-.0989	-.0261	.0318	-.1810	.8456	.19096	4.428

TEST 873						RUN 47						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.909	724.578	.12	13.92	.9371	.0202	-.1216	.0005	.0013	-.0028	.9052	.24505	3.694
.910	724.916	-6.12	13.83	.8991	.0186	-.1031	.0101	-.0092	.0703	.8691	.23293	3.731
.910	724.960	-4.03	13.88	.9052	.0186	-.1029	.0045	-.0037	.0408	.8748	.23515	3.720
.908	723.657	-1.98	13.91	.9251	.0185	-.1149	.0062	-.0012	.0197	.8941	.24029	3.721
.909	724.705	.13	13.92	.9270	.0193	-.1164	.0008	.0012	-.0023	.8957	.24162	3.707
.908	723.517	2.15	13.91	.9294	.0186	-.1151	-.0045	.0037	-.0234	.8982	.24151	3.719
.909	724.205	4.20	13.88	.9096	.0189	-.1050	-.0029	.0061	-.0456	.8790	.23645	3.717
.907	723.095	6.28	13.83	.8993	.0180	-.1019	-.0086	.0112	-.0740	.8695	.23236	3.742
.909	724.319	8.32	13.77	.8964	.0176	-.1043	-.0146	.0184	-.1058	.8670	.23036	3.764
.908	723.278	10.42	13.69	.8967	.0166	-.1071	-.0202	.0250	-.1391	.8671	.22817	3.800
.910	725.395	11.60	13.64	.8996	.0163	-.1131	-.0231	.0295	-.1603	.8709	.22800	3.820
.909	724.326	13.38	13.54	.8990	.0155	-.1217	-.0268	.0350	-.1904	.8708	.22553	3.861

TEST 873						RUN 48						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.798	627.240	.08	13.72	.8792	.0069	-.0819	.0003	.0009	-.0025	.8530	.21515	3.965
.797	625.879	-6.12	13.63	.8705	.0049	-.0850	.0144	-.0085	.0692	.8453	.20983	4.029
.799	627.482	-4.06	13.68	.8765	.0056	-.0827	.0100	-.0040	.0421	.8508	.21276	3.999
.799	627.892	-2.01	13.71	.8781	.0066	-.0821	.0051	-.0013	.0196	.8519	.21445	3.973
.797	626.243	.03	13.71	.8791	.0068	-.0817	.0004	.0009	-.0014	.8529	.21502	3.967
.799	628.107	2.10	13.71	.8799	.0067	-.0823	-.0044	.0033	-.0226	.8537	.21507	3.969
.798	627.122	4.16	13.69	.8825	.0157	-.0833	-.0095	.0060	-.0448	.8565	.21441	3.995
.799	627.884	6.23	13.64	.8791	.0049	-.0851	-.0146	.0100	-.0704	.8536	.21218	4.023
.798	626.975	8.26	13.59	.8814	.0044	-.0898	-.0183	.0162	-.1000	.8561	.21133	4.051
.797	626.383	10.32	13.52	.8885	.0031	-.0968	-.0218	.0221	-.1323	.8637	.21073	4.098
.798	626.896	12.31	13.43	.8953	.0021	-.1072	-.0248	.0286	-.1661	.8708	.21000	4.147
.799	627.461	13.33	13.35	.8584	.0027	-.0945	-.0169	.0324	-.1815	.8350	.20089	4.156

TEST 873						RUN 49						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.907	722.917	.09	14.11	.9928	-.0032	-.0905	-.0003	.0006	-.0017	.9642	.23890	4.036
.905	721.306	-6.11	14.00	.9789	-.0051	-.0951	.0153	-.0113	.0761	.9516	.23188	4.104
.909	724.493	-4.04	14.06	.9834	-.0032	-.0925	.0124	-.0063	.0469	.9553	.23573	4.052
.906	722.777	-1.97	14.10	.9926	-.0033	-.0912	.0055	-.0030	.0232	.9640	.23856	4.041
.906	722.751	.07	14.11	.9937	-.0035	-.0892	-.0003	.0006	-.0007	.9651	.23886	4.041
.905	721.266	2.16	14.10	.9887	-.0036	-.0864	-.0063	.0039	-.0247	.9603	.23728	4.047
.907	723.254	4.20	14.07	.9941	-.0033	-.0935	-.0123	.0078	-.0495	.9656	.23853	4.048
.909	724.956	6.31	14.03	.9914	-.0038	-.0960	-.0177	.0122	-.0771	.9633	.23665	4.071
.908	724.332	8.33	13.96	.9862	-.0048	-.0996	-.0215	.0196	-.1102	.9588	.23319	4.111
.906	722.653	10.38	13.87	.9783	-.0059	-.1011	-.0263	.0255	-.1432	.9517	.22878	4.160
.907	723.483	12.41	13.78	.9847	-.0061	-.1127	-.0309	.0331	-.1802	.9583	.22860	4.192
.909	725.386	13.37	13.73	.9896	-.0054	-.1204	-.0335	.0361	-.1974	.9631	.22965	4.194

# TABLE II.- TABULATED RESULTS - Continued

TEST 873												RUN 50	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.799	628.088	.09	13.92	.9615	-.0235	-.0570	.0001	.0005	-.0021	.9394	.20843	4.507	
.798	627.416	-6.10	13.83	.9499	-.0233	-.0589	.0142	-.0116	.0732	.9284	.20438	4.543	
.799	628.500	-4.03	13.87	.9525	-.0234	-.0558	.0093	-.0063	.0449	.9308	.20567	4.526	
.799	628.040	-1.99	13.90	.9572	-.0235	-.0560	.0043	-.0027	.0211	.9353	.20716	4.515	
.797	626.239	.07	13.91	.9611	-.0238	-.0576	.0003	.0004	-.0016	.9391	.20796	4.516	
.800	629.327	2.13	13.91	.9606	-.0231	-.0581	-.0033	.0034	-.0242	.9385	.20842	4.503	
.799	628.001	4.20	13.88	.9596	-.0233	-.0586	-.0074	.0070	-.0477	.9376	.20757	4.517	
.799	628.556	6.25	13.82	.9493	-.0231	-.0594	-.0133	.0114	-.0743	.9278	.20438	4.540	
.798	627.444	8.29	13.76	.9486	-.0235	-.0622	-.0186	.0181	-.1046	.9274	.20286	4.572	
.798	627.859	10.32	13.68	.9359	-.0239	-.0607	-.0250	.0248	-.1371	.9155	.19817	4.620	
.798	627.525	12.34	13.57	.9206	-.0242	-.0618	-.0319	.0317	-.1726	.9010	.19247	4.681	
.798	627.413	13.38	13.51	.9159	-.0241	-.0648	-.0345	.0355	-.1917	.8966	.19056	4.705	

TEST 873												RUN 51	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.699	528.806	.06	13.65	.9293	-.0357	-.0558	.0014	.0004	-.0016	.9119	.18463	4.939	
.700	529.415	-6.09	13.56	.9152	-.0353	-.0591	.0210	-.0104	.0707	.8983	.18021	4.985	
.700	530.002	-4.03	13.61	.9254	-.0356	-.0589	.0093	-.0059	.0438	.9082	.18323	4.957	
.699	528.660	-2.01	13.64	.9253	-.0357	-.0564	.0053	-.0025	.0212	.9081	.18347	4.949	
.700	529.278	.05	13.65	.9298	-.0356	-.0558	.0014	.0001	-.0004	.9124	.18484	4.936	
.700	529.982	2.10	13.64	.9244	-.0356	-.0536	-.0061	.0031	-.0219	.9071	.18348	4.944	
.700	529.688	4.16	13.61	.9225	-.0359	-.0550	-.0131	.0068	-.0452	.9054	.18226	4.968	
.701	530.733	6.23	13.57	.9188	-.0358	-.0563	-.0192	.0108	-.0705	.9020	.18079	4.989	
.701	530.254	8.26	13.51	.9097	-.0357	-.0571	-.0244	.0172	-.1008	.8932	.17772	5.026	
.700	529.561	10.31	13.43	.9028	-.0358	-.0584	-.0299	.0235	-.1331	.8868	.17484	5.072	
.699	528.896	12.33	13.33	.8984	-.0358	-.0629	-.0351	.0302	-.1692	.8828	.17236	5.122	
.700	529.585	13.32	13.28	.8919	-.0355	-.0647	-.0374	.0336	-.1864	.8765	.17024	5.149	

TEST 873												RUN 52	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.600	423.552	.10	13.37	.8811	-.0404	-.0514	.0005	.0004	-.0015	.8669	.16445	5.272	
.600	423.667	-6.09	13.29	.8725	-.0417	-.0566	.0209	-.0099	.0689	.8591	.16000	5.369	
.600	423.564	-4.02	13.33	.8749	-.0412	-.0547	.0143	-.0058	.0426	.8611	.16168	5.326	
.600	423.390	-1.98	13.36	.8809	-.0408	-.0526	.0075	-.0026	.0200	.8668	.16392	5.288	
.600	423.139	.06	13.36	.8741	-.0401	-.0509	.0006	.0001	-.0011	.8600	.16299	5.277	
.600	423.306	2.11	13.36	.8788	-.0409	-.0514	-.0060	.0028	-.0216	.8648	.16327	5.297	
.600	423.316	4.17	13.33	.8755	-.0412	-.0536	-.0126	.0063	-.0432	.8617	.16174	5.328	
.600	423.754	6.22	13.29	.8738	-.0417	-.0561	-.0187	.0103	-.0680	.8603	.16028	5.368	
.601	423.960	8.27	13.24	.8728	-.0419	-.0575	-.0251	.0163	-.0977	.8595	.15909	5.403	
.601	424.346	10.30	13.16	.8610	-.0416	-.0585	-.0307	.0222	-.1289	.8482	.15548	5.455	
.600	423.094	12.32	13.06	.8565	-.0418	-.0629	-.0359	.0288	-.1644	.8440	.15288	5.521	
.600	423.472	13.32	13.01	.8520	-.0416	-.0649	-.0384	.0326	-.1837	.8398	.15125	5.552	

TEST 873												RUN 53	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.904	721.027	.16	5.05	.4476	.0187	-.0862	.0015	.0009	-.0022	.4443	.05795	7.667	
.903	720.633	-5.90	5.02	.4410	.0176	-.0836	.0148	-.0149	.0802	.4379	.05608	7.807	
.905	721.719	-3.89	5.03	.4428	.0180	-.0840	.0102	-.0084	.0502	.4396	.05677	7.743	
.905	721.957	-1.89	5.05	.4476	.0185	-.0856	.0058	-.0030	.0226	.4443	.05780	7.687	
.905	722.095	.12	5.05	.4503	.0188	-.0870	.0016	.0006	-.0010	.4469	.05834	7.661	
.905	721.811	2.16	5.05	.4495	.0184	-.0863	-.0025	.0044	-.0256	.4462	.05791	7.705	
.903	720.192	4.15	5.03	.4417	.0175	-.0826	-.0070	.0098	-.0528	.4386	.05613	7.814	
.902	719.820	6.19	5.02	.4410	.0175	-.0815	-.0118	.0168	-.0841	.4378	.05602	7.815	
.904	721.026	8.22	5.00	.4341	.0169	-.0791	-.0164	.0232	-.1153	.4311	.05466	7.886	
.903	720.051	10.16	4.96	.4261	.0161	-.0775	-.0205	.0305	-.1480	.4232	.05287	8.005	
.905	721.501	12.17	4.92	.4165	.0154	-.0756	-.0235	.0383	-.1836	.4137	.05105	8.104	
.904	721.174	13.17	4.90	.4164	.0154	-.0763	-.0248	.0416	-.2014	.4136	.05098	8.114	

TEST 873												RUN 54	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.796	626.005	.15	4.91	.3802	.0130	-.0581	.0011	.0005	-.0014	.3777	.04546	8.309	
.797	626.317	-5.90	4.88	.3738	.0119	-.0577	.0122	-.0139	.0770	.3715	.04367	8.505	
.794	623.356	-3.86	4.90	.3800	.0123	-.0581	.0085	-.0078	.0483	.3776	.04473	8.442	
.797	626.864	-1.90	4.91	.3814	.0127	-.0580	.0048	-.0029	.0223	.3790	.04532	8.362	
.797	626.572	.11	4.91	.3802	.0130	-.0585	.0013	.0002	-.0002	.3777	.04547	8.308	
.797	626.950	2.15	4.91	.3816	.0129	-.0588	-.0021	.0044	-.0254	.3791	.04547	8.338	
.796	625.641	4.14	4.89	.3765	.0123	-.0584	-.0058	.0093	-.0512	.3741	.04432	8.440	
.797	626.140	6.18	4.88	.3769	.0119	-.0567	-.0098	.0160	-.0822	.3746	.04391	8.530	
.797	627.021	8.15	4.86	.3743	.0116	-.0568	-.0134	.0220	-.1113	.3720	.04323	8.605	
.796	625.649	10.19	4.83	.3699	.0107	-.0577	-.0168	.0289	-.1445	.3677	.04180	8.796	
.796	625.391	12.16	4.79	.3650	.0099	-.0593	-.0196	.0359	-.1779	.3629	.04036	8.994	
.798	627.100	13.11	4.77	.3646	.0097	-.0608	-.0209	.0392	-.1939	.3625	.03997	9.070	

TABLE II.- TABULATED RESULTS - Continued

TEST 873						RUN 55						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.600	423.147	.12	4.71	.3361	.0126	-.0491	.0011	.0002	-.0003	.3340	.04014	8.320
.600	423.348	-5.90	4.69	.3368	.0109	-.0513	.0106	-.0130	.0763	.3348	.03835	8.729
.600	423.735	-3.89	4.70	.3371	.0116	-.0501	.0070	-.0072	.0474	.3350	.03917	8.553
.600	422.813	-1.90	4.71	.3362	.0121	-.0486	.0038	-.0032	.0233	.3341	.03967	8.422
.601	423.972	.10	4.71	.3353	.0126	-.0495	.0010	.0002	.0006	.3332	.04009	8.309
.599	422.572	2.10	4.71	.3341	.0122	-.0489	-.0018	.0041	-.0235	.3320	.03961	8.382
.599	422.335	4.12	4.70	.3352	.0113	-.0498	-.0048	.0088	-.0496	.3332	.03877	8.594
.599	422.528	6.16	4.69	.3344	.0107	-.0499	-.0082	.0147	-.0786	.3325	.03803	8.743
.601	424.137	8.12	4.66	.3329	.0102	-.0518	-.0114	.0203	-.1070	.3310	.03728	8.879
.600	423.031	10.12	4.64	.3335	.0091	-.0537	-.0142	.0267	-.1383	.3317	.03604	9.202
.600	422.850	12.11	4.61	.3330	.0079	-.0567	-.0168	.0331	-.1711	.3313	.03461	9.572
.599	422.721	13.06	4.59	.3325	.0073	-.0584	-.0180	.0365	-.1873	.3308	.03385	9.774

TEST 873												RUN 56	
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	
.904	720.762	.14	5.05	.4525	.0160	-.0874	.0007	.0011	-.0026	.4494	.05575	8.061	
.903	719.970	-5.90	5.01	.4382	.0150	-.0845	.0132	-.0136	.0760	.4353	.05328	8.170	
.901	718.689	-3.88	5.03	.4443	.0153	-.0853	.0090	-.0074	.0468	.4413	.05423	8.137	
.903	719.618	-1.89	5.05	.4490	.0155	-.0855	.0046	-.0026	.0214	.4459	.05499	8.109	
.904	720.597	.13	5.05	.4520	.0157	-.0865	.0006	.0008	-.0018	.4489	.05566	8.095	
.903	720.021	2.24	5.05	.4504	.0155	-.0861	-.0037	.0044	-.0261	.4474	.05509	8.120	
.904	721.104	4.17	5.03	.4499	.0158	-.0889	-.0079	.0094	-.0515	.4468	.05520	8.095	
.905	721.696	6.20	5.02	.4499	.0151	-.0881	-.0128	.0156	-.0807	.4469	.05449	8.202	
.903	719.816	8.23	5.00	.4438	.0143	-.0851	-.0175	.0217	-.1110	.4409	.05297	8.323	
.902	719.147	10.23	4.96	.4336	.0133	-.0828	-.0214	.0288	-.1434	.4309	.05077	8.488	
.903	719.969	12.17	4.93	.4293	.0130	-.0835	-.0246	.0365	-.1783	.4267	.04985	8.560	
.901	718.591	13.15	4.90	.4234	.0123	-.0816	-.0259	.0392	-.1937	.4208	.04850	8.676	

TEST 873						RUN 57						
MACH	Q	BETA	ALPHA	CN	CA	CM	CRCLL	CYAW	CSIDE	CL	CD	L/D
.797	626.623	.17	4.92	.3892	.0102	-.0614	.0005	.0009	-.0025	.3870	.04354	8.888
.797	625.935	-5.90	4.89	.3856	.0093	-.0638	.0125	-.0126	.0736	.3834	.04214	9.099
.796	625.025	-3.81	4.91	.3902	.0098	-.0634	.0081	-.0068	.0452	.3880	.04317	8.987
.795	624.280	-1.90	4.91	.3896	.0102	-.0619	.0043	-.0022	.0204	.3873	.04352	8.900
.796	625.686	.11	4.92	.3882	.0102	-.0610	.0006	.0008	-.0009	.3860	.04340	8.892
.797	626.560	2.13	4.91	.3891	.0102	-.0627	-.0030	.0042	-.0249	.3869	.04347	8.900
.797	626.385	4.15	4.90	.3908	.0096	-.0641	-.0071	.0087	-.0493	.3886	.04300	9.037
.796	625.171	6.21	4.89	.3883	.0091	-.0643	-.0113	.0147	-.0783	.3862	.04213	9.166
.797	625.976	8.17	4.87	.3872	.0086	-.0653	-.0153	.0205	-.1076	.3851	.04144	9.295
.798	626.962	10.18	4.84	.3850	.0080	-.0665	-.0188	.0274	-.1403	.3830	.04049	9.460
.796	625.404	12.18	4.80	.3811	.0072	-.0680	-.0221	.0344	-.1732	.3792	.03903	9.715
.798	627.475	13.13	4.78	.3802	.0070	-.0692	-.0235	.0375	-.1886	.3783	.03866	9.785

TEST 873						RUN 58						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.600	422.853	.10	4.72	.3430	.0086	-.0521	.0004	.0006	-.0010	.3411	.03677	9.277
.600	422.639	-5.93	4.70	.3483	.0071	-.0571	.0109	-.0122	.0733	.3465	.03559	9.737
.600	423.027	-3.91	4.71	.3445	.0077	-.0543	.0071	-.0063	.0451	.3427	.03595	9.533
.600	423.182	-1.92	4.72	.3456	.0083	-.0524	.0038	-.0026	.0225	.3438	.03668	9.373
.601	424.089	.08	4.72	.3463	.0085	-.0529	.0005	.0002	.0005	.3445	.03699	9.312
.600	422.936	2.10	4.71	.3447	.0080	-.0528	-.0025	.0040	-.0230	.3429	.03628	9.452
.599	422.536	4.10	4.71	.3456	.0073	-.0549	-.0060	.0082	-.0480	.3439	.03564	9.648
.599	422.563	6.13	4.69	.3476	.0068	-.0570	-.0096	.0137	-.0755	.3460	.03522	9.822
.599	422.520	8.12	4.67	.3457	.0063	-.0590	-.0130	.0193	-.1041	.3441	.03444	9.991
.600	422.652	10.11	4.65	.3459	.0052	-.0611	-.0162	.0254	-.1343	.3444	.03317	10.382
.600	422.970	12.10	4.62	.3461	.0040	-.0641	-.0189	.0319	-.1673	.3447	.03188	10.813
.601	424.166	13.04	4.60	.3453	.0036	-.0653	-.0200	.0353	-.1832	.3439	.03124	11.007

TEST 873						RUN 59						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.902	719.079	-4.04	.17	.1455	.0456	-.0909	.0212	-.0093	.0524	.1454	.04601	3.159
.902	719.110	-4.04	-2.12	-.0295	.0463	-.0763	.0177	-.0092	.0542	-.0278	.04738	-.587
.903	720.075	-4.04	.17	.1422	.0459	-.0909	.0210	-.0092	.0525	.1421	.04630	3.070
.904	720.601	-4.04	2.55	.3182	.0403	-.1042	.0239	-.0089	.0530	.3161	.05446	5.805
.903	719.784	-4.04	4.88	.4926	.0321	-.1206	.0252	-.0089	.0534	.4882	.07384	6.612
.901	718.481	-4.02	7.20	.6629	.0234	-.1325	.0223	-.0094	.0526	.6549	.10636	6.158
.900	717.378	-4.00	9.56	.8152	.0147	-.1318	.0209	-.0097	.0506	.8018	.14988	5.349
.905	721.186	-3.99	10.67	.8859	.0143	-.1326	.0219	-.0089	.0494	.8684	.17807	4.877
.906	721.946	-3.98	11.84	.9640	.0129	-.1358	.0209	-.0088	.0491	.9413	.21034	4.475
.909	724.454	-3.97	12.94	1.0083	.0106	-.1283	.0211	-.0089	.0495	.9809	.23618	4.153
.909	724.553	-3.96	14.07	1.0429	.0099	-.1184	.0259	-.0090	.0505	1.0098	.26327	3.836
.908	723.415	-3.94	15.08	1.0774	.0097	-.1130	.0266	-.0086	.0496	1.0385	.28956	3.587
.905	721.358	-3.94	15.86	1.1048	.0096	-.1104	.0265	-.0075	.0479	1.0609	.31122	3.409

TABLE II.- TABULATED RESULTS - Continued

TEST 873													RUN 60												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.600	422.970	-4.02	.16	.1327	.0409	-.0760	.0219	-.0092	.0512	.1326	.04126	3.214	.600	423.406	-4.02	-1.99	-.0063	.0423	-.0675	.0196	-.0095	.0533	-.0049	.04247	-.114
.601	423.794	-4.02	.15	.1298	.0408	-.0756	.0216	-.0092	.0506	.1297	.04110	3.156	.601	423.618	-4.02	2.30	.2569	.0349	-.0795	.0235	-.0087	.0493	.2553	.04518	5.651
.600	422.875	-4.02	4.47	.3910	.0253	-.0827	.0253	-.0084	.0483	.3879	.05564	6.972	.600	422.875	-4.02	4.47	.3910	.0253	-.0827	.0253	-.0084	.0483	.3879	.05564	6.972
.599	421.897	-4.00	6.70	.5302	.0108	-.0859	.0262	-.0078	.0467	.5254	.07266	7.232	.599	421.897	-4.00	6.70	.5302	.0108	-.0859	.0262	-.0078	.0467	.5254	.07266	7.232
.601	423.592	-3.99	8.85	.6733	-.0058	-.0903	.0282	-.0072	.0455	.6663	.09793	6.804	.601	423.592	-3.99	8.85	.6733	-.0058	-.0903	.0282	-.0072	.0455	.6663	.09793	6.804
.601	424.213	-3.98	9.94	.7458	-.0133	-.0918	.0287	-.0068	.0449	.7371	.11570	6.371	.601	424.213	-3.98	9.94	.7458	-.0133	-.0918	.0287	-.0068	.0449	.7371	.11570	6.371
.600	423.527	-3.97	11.05	.8113	-.0203	-.0898	.0282	-.0069	.0448	.8004	.13557	5.904	.600	423.527	-3.97	11.05	.8113	-.0203	-.0898	.0282	-.0069	.0448	.8004	.13557	5.904
.601	424.094	-3.96	12.08	.8746	-.0256	-.0883	.0284	-.0072	.0447	.8510	.15801	5.449	.601	424.094	-3.96	12.08	.8746	-.0256	-.0883	.0284	-.0072	.0447	.8510	.15801	5.449
.601	423.696	-3.94	13.18	.9410	-.0292	-.0861	.0301	-.0074	.0438	.9233	.18605	4.963	.601	423.696	-3.94	13.18	.9410	-.0292	-.0861	.0301	-.0074	.0438	.9233	.18605	4.963
.600	422.886	-3.93	14.22	.9935	-.0319	-.0819	.0308	-.0073	.0436	.9714	.21306	4.559	.600	422.886	-3.93	14.22	.9935	-.0319	-.0819	.0308	-.0073	.0436	.9714	.21306	4.559
.601	423.549	-3.92	15.00	1.0302	-.0336	-.0760	.0296	-.0075	.0442	1.0044	.23418	4.289	.601	423.549	-3.92	15.00	1.0302	-.0336	-.0760	.0296	-.0075	.0442	1.0044	.23418	4.289

TEST 873													RUN 61												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.904	720.407	-4.06	.08	.1013	.0542	-.0811	.0286	-.0062	.0468	.1013	.05430	1.865	.904	720.407	-4.06	.08	.1013	.0542	-.0811	.0286	-.0062	.0468	.1013	.05430	1.865
.903	719.782	-4.06	-2.26	-.0830	.0555	-.0644	.0259	-.0057	.0476	-.0808	.05876	-1.374	.903	719.782	-4.06	-2.26	-.0830	.0555	-.0644	.0259	-.0057	.0476	-.0808	.05876	-1.374
.905	721.553	-4.05	.07	.0976	.0539	-.0803	.0284	-.0062	.0464	.0975	.05402	1.806	.905	721.553	-4.05	.07	.0976	.0539	-.0803	.0284	-.0062	.0464	.0975	.05402	1.806
.903	720.008	-4.06	2.40	.2591	.0494	-.0899	.0232	-.0055	.0462	.2568	.06616	4.269	.903	720.008	-4.06	2.40	.2591	.0494	-.0899	.0232	-.0055	.0462	.2568	.06616	4.269
.904	720.942	-4.06	4.76	.4340	.0406	-.1025	.0373	-.0051	.0468	.4292	.07650	5.611	.904	720.942	-4.06	4.76	.4340	.0406	-.1025	.0373	-.0051	.0468	.4292	.07650	5.611
.904	720.218	-4.04	7.12	.6070	.0306	-.1120	.0350	-.0063	.0488	.5987	.10557	5.671	.904	720.218	-4.04	7.12	.6070	.0306	-.1120	.0350	-.0063	.0488	.5987	.10557	5.671
.904	720.552	-4.02	9.43	.7789	.0213	-.1195	.0304	-.0070	.0487	.7652	.14867	5.147	.904	720.552	-4.02	9.43	.7789	.0213	-.1195	.0304	-.0070	.0487	.7652	.14867	5.147
.906	721.544	-4.00	10.57	.8593	.0198	-.1230	.0307	-.0076	.0495	.8414	.17720	4.748	.906	721.544	-4.00	10.57	.8593	.0198	-.1230	.0307	-.0076	.0495	.8414	.17720	4.748
.905	721.054	-3.99	11.74	.9294	.0164	-.1207	.0306	-.0083	.0501	.9071	.20515	4.422	.905	721.054	-3.99	11.74	.9294	.0164	-.1207	.0306	-.0083	.0501	.9071	.20515	4.422
.905	721.370	-3.97	12.82	.9820	.0130	-.1158	.0291	-.0088	.0514	.9552	.23067	4.141	.905	721.370	-3.97	12.82	.9820	.0130	-.1158	.0291	-.0088	.0514	.9552	.23067	4.141
.907	722.937	-3.96	13.97	1.0343	.0116	-.1145	.0288	-.0089	.0513	1.0015	.26093	3.838	.907	722.937	-3.96	13.97	1.0343	.0116	-.1145	.0288	-.0089	.0513	1.0015	.26093	3.838
.909	724.608	-3.95	15.03	1.0959	.0125	-.1225	.0281	-.0089	.0514	1.0559	.29628	3.564	.909	724.608	-3.95	15.03	1.0959	.0125	-.1225	.0281	-.0089	.0514	1.0559	.29628	3.564
.907	722.844	-3.94	15.82	1.1087	.0098	-.1125	.0264	-.0075	.0488	1.0648	.31158	3.418	.907	722.844	-3.94	15.82	1.1087	.0098	-.1125	.0264	-.0075	.0488	1.0648	.31158	3.418

TEST 873													RUN 62												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.599	422.252	-4.03	.14	.1091	.0473	-.0741	.0256	-.0071	.0475	.1089	.04753	2.292	.599	422.252	-4.03	.14	.1091	.0473	-.0741	.0256	-.0071	.0475	.1089	.04753	2.292
.600	422.443	-4.03	-2.02	-.0328	.0489	-.0656	.0242	-.0072	.0498	-.0310	.05001	-.621	.600	422.443	-4.03	-2.02	-.0328	.0489	-.0656	.0242	-.0072	.0498	-.0310	.05001	-.621
.600	422.337	-4.03	.11	.1042	.0475	-.0744	.0258	-.0073	.0476	.1041	.04774	2.181	.600	422.337	-4.03	.11	.1042	.0475	-.0744	.0258	-.0073	.0476	.1041	.04774	2.181
.600	422.905	-4.03	2.25	.2287	.0419	-.0769	.0289	-.0065	.0453	.2269	.05083	4.464	.600	422.905	-4.03	2.25	.2287	.0419	-.0769	.0289	-.0065	.0453	.2269	.05083	4.464
.600	422.663	-4.02	4.44	.3590	.0329	-.0777	.0315	-.0060	.0445	.3555	.06060	5.866	.600	422.663	-4.02	4.44	.3590	.0329	-.0777	.0315	-.0060	.0445	.3555	.06060	5.866
.599	422.097	-4.01	6.65	.4950	.0186	-.0800	.0336	-.0053	.0422	.4896	.07581	6.458	.599	422.097	-4.01	6.65	.4950	.0186	-.0800	.0336	-.0053	.0422	.4896	.07581	6.458
.599	421.968	-4.00	8.80	.6416	.0015	-.0851	.0351	-.0052	.0424	.6340	.09957	6.368	.599	421.968	-4.00	8.80	.6416	.0015	-.0851	.0351	-.0052	.0424	.6340	.09957	6.368
.601	424.405	-3.99	9.87	.7136	-.0065	-.0872	.0351	-.0052	.0426	.7044	.11596	6.074	.601	424.405	-3.99	9.87	.7136	-.0065	-.0872	.0351	-.0052	.0426	.7044	.11596	6.074
.601	423.547	-3.98	10.98	.7855	-.0143	-.0861	.0339	-.0053	.0429	.7741	.13556	5.711	.601	423.547	-3.98	10.98	.7855	-.0143	-.0861	.0339	-.0053	.0429	.7741	.13556	5.711
.600	423.120	-3.96	12.07	.8544	-.0209	-.0849	.0333	-.0058	.0435	.8402	.15817	5.312	.600	423.120	-3.96	12.07	.8544	-.0209	-.0849	.0333	-.0058	.0435	.8402	.15817	5.312
.601	424.043	-3.95	13.16	.9249	-.0249	-.0836	.0346	-.0062	.0430	.9067	.18641	4.864	.601	424.043	-3.95	13.16	.9249	-.0249	-.0836	.0346	-.0062	.0430	.9067	.18641	4.864
.601	423.976	-3.93	14.18	.9822	-.0279	-.0807	.0343	-.0063	.0433	.9596	.21359	4.493	.601	423.976	-3.93	14.18	.9822	-.0279	-.0807	.0343	-.0063	.0433	.9596	.21359	4.493
.600	423.316	-3.92	14.97	1.0237	-.0302	-.0762	.0323	-.0067	.0438	.9974	.23518	4.241	.600	423.316	-3.92	14.97	1.0237	-.0302	-.0762	.0323	-.0067	.0438	.9974	.23518	4.241

TEST 873													RUN 63												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.903	716.848	-.01	.08	.0431	.0351	-.0537	.0012	.0007	-.0003	.0431	.03513	1.226	.903	716.848	-.01	.08	.0431	.0351	-.0537	.0012	.0007	-.0003	.0431	.03513	1.226
.901	715.359	-.01	-1.71	-.0991	.0370	-.0420	.0014	.0008	-.0000	-.0080	.03995	-2.452	.901	715.359	-.01	-1.71	-.0991	.0370	-.0420	.0014	.0008	-.0000	-.0080	.03995	-2.452
.903	716.691	-.01	.02	.0347	.0349	-.0528	.0013	.0007	-.0000	.0347	.03492	.993	.903	716.691	-.01	.02	.0347	.0349	-.0528	.0013	.0007	-.0000	.0347	.03492	.993
.903	716.592	-.01	2.25	.1917	.0307	-.0623	.0013	.0006	-.0003	.1904	.03815	4.990	.903	716.592	-.01	2.25	.1917	.0307	-.0623	.0013	.0006	-.0003	.1904	.03815	4.990
.907	719.819	-.01	4.55	.3858	.0234	-.0846	.0017	.0004	-.0008	.3828	.05389	7.104	.907	719.819	-.01	4.55	.3858	.0234	-.0846	.0017	.0004	-.0008	.3828	.05389	7.104
.903	716.954	-.00	6.87	.5672	.0142	-.1053	.0017	.0031	.0037	.5616	.08195	6.852	.903	716.954	-.00	6.87	.5672	.0142	-.1053	.0017	.0031	.0037	.5616	.08195	6.852
.904	717.542	-.00	9.17	.7380	.0055	-.1195	.0035	-.0033	.0020	.7279	.12311	5.913	.904	717.542	-.00	9.17	.7380	.0055	-.1195	.0035	-.0033	.0020	.7279	.12311	5.913
.903	717.273	.00	10.35	.8082	.0013	-.1183	.0024	-.0005	.0015	.7951	.14648	5.628	.903	717.273	.00	10.35	.8082	.0013	-.1183	.0024	-.0005	.0015	.7951	.14648	5.628
.904	717.910	-.00	11.54	.8851	-.0008	-.1224	.0019	-.0002	.0009	.8678	.17623	4.924	.904	717.910	-.00	11.54	.8851	-.0008	-.1224	.0019	-.0002	.0009	.8678	.17623	4.924
.906	719.638	-.00	12.67	.9471	-.0016	-.1229	-.0016	-.0032	.0009	.9248	.20620	4.485	.906	719.638	-.00	12.67	.9471	-.0016	-.1229	-.0016	-.0032	.0009	.9248	.20620	4.485
.906	719.715	-.00	13.83	.9827	-.0022	-.1115	-.0004	-.0031	.0004	.9552	.23284	4.103	.906	719.715	-.00	13.83	.9827	-.0022	-.1115	-.0004	-.0031	.0004	.9552	.23284	4.103
.906	719.333	-.00	14.96	1.0307	-.0029	-.1118	-.0003	-.0030	-.0001	.9972	.26322	3.788	.906	719.333	-.00	14.96	1.0307	-.0029	-.1118	-.0003	-.0030	-.0001	.9972	.26322	3.788
.909	721.716	-.00	16.11	1.0858	-.0018	-.1202	.0012	-.0033	.0003	1.0444	.29960	3.486	.909	721.716	-.00	16.11	1.0858	-.0018	-.1202	.0012	-.0033	.0003	1.0444	.29960	3.486
.906	719.323	-.00	17.19	1.1345	-.0019	-.1256	.0011	-.0031	.0001	1.0852	.33356	3.255	.906	719.323	-.00	17.19	1.1345	-.0019	-.1256	.0011	-.0031	.0001	1.0852	.33356	3.255

# TABLE II.- TABULATED RESULTS - Continued

TEST 873												RUN 65													
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.905	718.341	-.01	.03	.0378	.0350	-.0543	.0014	.0007	.0005	.0377	.03504	1.077	.905	718.341	-.01	.03	.0378	.0350	-.0543	.0014	.0007	.0005	.0377	.03504	1.077
.903	716.565	-.01	-1.74	-.1005	.0374	-.0436	.0015	.0008	-.0001	-.0993	.04040	-2.458	.903	716.565	-.01	-1.74	-.1005	.0374	-.0436	.0015	.0008	-.0001	-.0993	.04040	-2.458
.903	716.032	-.01	.06	.0359	.0346	-.0533	.0014	.0007	.0002	.0359	.03461	1.036	.903	716.032	-.01	.06	.0359	.0346	-.0533	.0014	.0007	.0002	.0359	.03461	1.036
.901	714.396	-.01	2.27	.1924	.0302	-.0616	.0016	.0006	.0013	.1911	.03777	5.059	.901	714.396	-.01	2.27	.1924	.0302	-.0616	.0016	.0006	.0013	.1911	.03777	5.059
.905	718.160	-.01	4.55	.3835	.0229	-.0827	.0018	.0004	.0011	.3805	.05324	7.147	.905	718.160	-.01	4.55	.3835	.0229	-.0827	.0018	.0004	.0011	.3805	.05324	7.147
.903	716.994	-.00	6.88	.5703	.0139	-.1048	.0017	.0001	.0011	.5647	.08213	6.876	.903	716.994	-.00	6.88	.5703	.0139	-.1048	.0017	.0001	.0011	.5647	.08213	6.876
.902	715.923	-.00	9.20	.7352	.0039	-.1145	.0031	-.0003	.0020	.7254	.12136	5.977	.902	715.923	-.00	9.20	.7352	.0039	-.1145	.0031	-.0003	.0020	.7254	.12136	5.977
.905	718.401	-.00	10.36	.8138	.0012	-.1179	.0032	-.0003	.0014	.8006	.14760	5.424	.905	718.401	-.00	10.36	.8138	.0012	-.1179	.0032	-.0003	.0014	.8006	.14760	5.424
.906	718.725	-.00	11.52	.8738	-.0009	-.1130	.0030	-.0003	.0009	.8567	.17367	4.933	.906	718.725	-.00	11.52	.8738	-.0009	-.1130	.0030	-.0003	.0009	.8567	.17367	4.933
.906	719.285	-.00	12.66	.9306	-.0016	-.1094	.0020	-.0003	.0010	.9088	.20244	4.489	.906	719.285	-.00	12.66	.9306	-.0016	-.1094	.0020	-.0003	.0010	.9088	.20244	4.489
.905	718.016	-.00	13.79	.9832	-.0042	-.1059	.0019	-.0003	.0009	.9564	.23026	4.153	.905	718.016	-.00	13.79	.9832	-.0042	-.1059	.0019	-.0003	.0009	.9564	.23026	4.153
.906	719.193	.00	14.95	1.0478	-.0041	-.1127	.0020	-.0004	.0009	1.0140	.26623	3.809	.906	719.193	.00	14.95	1.0478	-.0041	-.1127	.0020	-.0004	.0009	1.0140	.26623	3.809
.907	719.365	.00	16.13	1.0799	-.0044	-.1107	.0027	-.0007	.0008	1.0386	.29551	3.515	.907	719.365	.00	16.13	1.0799	-.0044	-.1107	.0027	-.0007	.0008	1.0386	.29551	3.515
.910	722.012	.00	17.21	1.1447	-.0012	-.1306	.0021	-.0001	.0001	1.0947	.33752	3.243	.910	722.012	.00	17.21	1.1447	-.0012	-.1306	.0021	-.0001	.0001	1.0947	.33752	3.243

TEST 873												RUN 66													
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.601	421.943	-.00	.03	.0209	.0309	-.0447	.0009	.0001	.0014	.0209	.03089	.677	.601	421.943	-.00	.03	.0209	.0309	-.0447	.0009	.0001	.0014	.0209	.03089	.677
.601	422.375	-.00	-1.68	-.0881	.0323	-.0391	.0015	.0005	.0008	-.0872	.03487	-2.500	.601	422.375	-.00	-1.68	-.0881	.0323	-.0391	.0015	.0005	.0008	-.0872	.03487	-2.500
.601	422.437	-.00	.08	.0233	.0308	-.0444	.0010	.0001	.0013	.0232	.03087	.752	.601	422.437	-.00	.08	.0233	.0308	-.0444	.0010	.0001	.0013	.0232	.03087	.752
.999	420.446	-.00	2.09	.1415	.0267	-.0486	.0010	.0000	.0017	.1404	.03183	4.411	.999	420.446	-.00	2.09	.1415	.0267	-.0486	.0010	.0000	.0017	.1404	.03183	4.411
.600	420.692	-.00	4.22	.2814	.0177	-.0518	.0009	-.0002	.0022	.2793	.03840	7.274	.600	420.692	-.00	4.22	.2814	.0177	-.0518	.0009	-.0002	.0022	.2793	.03840	7.274
.601	422.280	-.00	6.35	.4217	.0056	-.0567	.0014	-.0002	.0016	.4185	.05216	8.024	.601	422.280	-.00	6.35	.4217	.0056	-.0567	.0014	-.0002	.0016	.4185	.05216	8.024
.600	420.658	-.00	8.51	.5646	-.0105	-.0626	.0013	-.0001	.0010	.5601	.07316	7.655	.600	420.658	-.00	8.51	.5646	-.0105	-.0626	.0013	-.0001	.0010	.5601	.07316	7.655
.600	421.355	-.00	9.61	.6402	-.0189	-.0645	.0012	-.0002	.0014	.6345	.08825	7.189	.600	421.355	-.00	9.61	.6402	-.0189	-.0645	.0012	-.0002	.0014	.6345	.08825	7.189
.600	421.571	-.00	10.75	.7193	-.0266	-.0680	.0014	-.0001	.0009	.7118	.10807	6.587	.600	421.571	-.00	10.75	.7193	-.0266	-.0680	.0014	-.0001	.0009	.7118	.10807	6.587
.601	421.965	-.00	11.84	.7894	-.0334	-.0692	.0013	-.0002	.0013	.7797	.12919	6.035	.601	421.965	-.00	11.84	.7894	-.0334	-.0692	.0013	-.0002	.0013	.7797	.12919	6.035
.601	421.967	-.00	13.02	.8655	-.0401	-.0696	.0015	-.0002	.0011	.8526	.15597	5.467	.601	421.967	-.00	13.02	.8655	-.0401	-.0696	.0015	-.0002	.0011	.8526	.15597	5.467
.600	421.159	.00	14.06	.9168	-.0426	-.0668	.0011	-.0004	.0008	.9001	.18134	4.963	.600	421.159	.00	14.06	.9168	-.0426	-.0668	.0011	-.0004	.0008	.9001	.18134	4.963
.600	421.377	.00	15.25	.9822	-.0450	-.0618	.0005	-.0010	.0017	.9600	.21499	4.465	.600	421.377	.00	15.25	.9822	-.0450	-.0618	.0005	-.0010	.0017	.9600	.21499	4.465
.601	421.765	.00	16.33	1.0309	-.0450	-.0622	.0012	-.0016	.0006	1.0025	.24665	4.065	.601	421.765	.00	16.33	1.0309	-.0450	-.0622	.0012	-.0016	.0006	1.0025	.24665	4.065
.600	421.408	.01	17.31	1.0482	-.0427	-.0631	.0043	-.0027	-.0002	1.0141	.27119	3.739	.600	421.408	.01	17.31	1.0482	-.0427	-.0631	.0043	-.0027	-.0002	1.0141	.27119	3.739
.601	422.074	.00	18.40	1.0703	-.0393	-.0711	.0027	-.0009	.0000	1.0287	.30043	3.424	.601	422.074	.00	18.40	1.0703	-.0393	-.0711	.0027	-.0009	.0000	1.0287	.30043	3.424
.601	422.406	.00	19.39	1.1056	-.0366	-.0767	.0013	-.0009	-.0001	1.0560	.33246	3.176	.601	422.406	.00	19.39	1.1056	-.0366	-.0767	.0013	-.0009	-.0001	1.0560	.33246	3.176
.600	420.754	.00	20.42	1.1344	-.0334	-.0818	.0006	-.0007	.0002	1.0757	.36443	2.952	.600	420.754	.00	20.42	1.1344	-.0334	-.0818	.0006	-.0007	.0002	1.0757	.36443	2.952
.603	424.007	.00	21.38	1.1583	-.0291	-.0899	.0005	-.0008	.0002	1.0902	.39526	2.758	.603	424.007	.00	21.38	1.1583	-.0291	-.0899	.0005	-.0008	.0002	1.0902	.39526	2.758
.600	421.445	.00	22.41	1.1875	-.0258	-.0968	.0007	-.0013	.0010	1.1088	.42888	2.585	.600	421.445	.00	22.41	1.1875	-.0258	-.0968	.0007	-.0013	.0010	1.1088	.42888	2.585
.602	422.706	.01	23.42	1.2187	-.0247	-.1051	.0006	-.0013	.0008	1.1294	.46162	2.447	.602	422.706	.01	23.42	1.2187	-.0247	-.1051	.0006	-.0013	.0008	1.1294	.46162	2.447
.601	422.382	.01	24.33	1.2569	-.0241	-.1141	.0002	-.0014	-.0000	1.1566	.49586	2.333	.601	422.382	.01	24.33	1.2569	-.0241	-.1141	.0002	-.0014	-.0000	1.1566	.49586	2.333

TEST 873												RUN 67													
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.903	716.294	-.01	.04	.0378	.0342	-.0526	.0009	.0007	.0007	.0378	.03424	1.102	.903	716.294	-.01	.04	.0378	.0342	-.0526	.0009	.0007	.0007	.0378	.03424	1.102
.904	716.524	-.01	-1.81	-.1044	.0369	-.0442	.0012	.0009	.0002	-.1032	.04021	-2.567	.904	716.524	-.01	-1.81	-.1044	.0369	-.0442	.0012	.0009	.0002	-.1032	.04021	-2.567
.902	715.605	-.01	.04	.0320	.0341	-.0520	.0011	.0007	.0006	.0319	.03417	.935	.902	715.605	-.01	.04	.0320	.0341	-.0520	.0011	.0007	.0006	.0319	.03417	.935
.902	715.038	-.01	2.23	.1878	.0300	-.0602	.0011	.0006	.0010	.1865	.03723	5.009	.902	715.038	-.01	2.23	.1878	.0300	-.0602	.0011	.0006	.0010	.1865	.03723	5.009
.903	716.500	-.01	4.54	.3775	.0222	-.0789	.0013	.0004	.0013	.3746	.05198	7.207	.903	716.500	-.01	4.54	.3775	.0222	-.0789	.0013	.0004	.0013	.3746	.05198	7.207
.904	717.259	-.00	6.86	.5555	.0137	-.0960	.0016	.0002	.0012	.5500	.07991	6.882	.904	717.259	-.00	6.86	.5555	.0137	-.0960	.0016	.0002	.0012	.5500	.07991	6.882
.904	716.911	-.00	9.18	.7098	.0048	-.0971	.0013	-.0003	.0014	.7002	.11795	5.936	.904	716.911	-.00	9.18	.7098	.0048	-.0971	.0013	-.0003	.0014	.7002	.11795	5.936
.905	717.806	-.00	10.35	.7816	.0008	-.0944	.0011	-.0002	.0010	.7690	.14119	5.446	.905	717.806	-.00	10.35	.7816	.0008	-.0944	.0011	-.0002	.0010	.7690	.14119	5.446
.904	717.181	-.00	11.53	.8446	-.0018	-.0888	.0010	-.0000	.0008	.8283	.16711	4.956	.904	717.181	-.00	11.53	.8446	-.0018	-.0888	.0010	-.0000	.0008	.8283	.16711	4.956
.908	719.768	-.00	12.65	.9061	-.0020	-.0893	.0010	-.0001	.0008	.8849	.19639	4.506	.908	719.768	-.00	12.65	.9061	-.0020	-.0893	.0010	-.0001	.0008	.8849	.19639	4.506
.907	719.115	-.00	13.84	.9675	-.0039	-.0895	.0010	-.0002	.0006	.9409	.22756	4.135	.907	719.115	-.00	13.84	.9675	-.0039	-.0895	.0010	-.0002	.0006	.9409	.22756	4.135
.907	719.543	-.00	14.93	1.0221	-.0039	-.0930	.0020	-.0004	.0007	.9892	.25964	3.810	.907	719.543	-.00	14.93	1.0221	-.0039	-.0930	.0020	-.0004	.0007	.9892	.25964	3.810
.909	721.177	-.00	16.09	1.0589	-.0031	-.0952	.0021	-.0005	.0005	1.0190	.29052	3.507	.909	721.177	-.00	16.09	1.0589	-.0031	-.0952	.0021	-.0005	.0005	1.0190	.29052	3.507
.909	721.227	-.00	17.16	1.1063	-.0018	-.1041	.0012	-.0001	.0000	1.0584	.32468	3.260	.909	721.227	-.00	17.16	1.1063	-.0018	-.1041	.0012	-.0001	.0000	1.0584	.32468	3.260

TABLE II.- TABULATED RESULTS - Continued

TEST 873						RUN 69						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.903	715.857	-.01	.02	.0346	.0316	-.0487	.0009	.0006	.0003	.0346	.03166	1.092
.903	715.425	-.01	-1.72	-.0965	.0330	-.0418	.0010	.0005	.0007	-.0955	.03589	-2.660
.902	714.702	-.01	.06	.0332	.0315	-.0486	.0009	.0006	.0003	.0332	.03154	1.053
.901	713.921	-.01	2.26	.1909	.0276	-.0571	.0010	.0006	.0004	.1896	.03509	5.405
.904	716.090	-.01	4.54	.3861	.0206	-.0776	.0011	.0005	.0005	.3833	.05112	7.499
.905	717.402	-.00	6.84	.5703	.0154	-.1034	.0011	.0003	.0002	.5645	.08319	6.786
.905	717.268	-.00	9.12	.7105	.0108	-.1090	.0004	.0002	.0001	.7000	.12331	5.677
.905	717.283	-.00	10.28	.7735	.0087	-.1067	-.0001	.0003	-.0002	.7598	.14662	5.182
.906	718.156	-.00	11.43	.8253	.0076	-.1009	.0008	.0001	-.0001	.8078	.17103	4.723
.905	716.890	-.00	12.57	.8733	.0069	-.0979	.0014	.0001	-.0003	.8512	.19672	4.327
.911	722.404	-.00	13.83	.9601	.0107	-.1155	.0010	.0004	-.0006	.9303	.23985	3.879
.908	719.572	-.00	14.81	.9791	.0067	-.1039	.0011	.0005	-.0006	.9454	.25676	3.682
.910	721.168	-.00	15.99	1.0325	.0080	-.1119	.0019	.0004	-.0011	.9911	.29209	3.393
.909	720.316	-.00	17.09	1.0838	.0084	-.1186	.0027	.0005	-.0011	1.0343	.32656	3.167

TEST 873						RUN 70						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.600	420.055	-.00	.05	.0235	.0280	-.0411	.0005	-.0001	.0022	.0235	.02803	.839
.600	420.567	-.00	-1.64	-.0820	.0288	-.0372	.0006	.0001	.0024	-.0812	.03115	-2.606
.601	421.129	-.00	.07	.0246	.0279	-.0412	.0007	.0000	.0021	.0246	.02795	.880
.601	421.209	-.00	2.09	.1455	.0246	-.0458	.0008	-.0001	.0018	.1445	.02994	4.829
.601	421.295	-.00	4.18	.2816	.0166	-.0506	.0008	-.0001	.0015	.2797	.03715	7.529
.601	421.161	-.00	6.36	.4298	.0063	-.0577	.0006	-.0001	.0015	.4265	.05385	7.920
.601	421.799	-.00	8.53	.5813	-.0063	-.0664	.0004	-.0002	.0019	.5760	.07998	7.201
.601	422.096	-.00	9.65	.6550	-.0124	-.0692	.0004	-.0001	.0015	.6479	.09755	6.642
.601	421.827	-.00	10.76	.7289	-.0181	-.0729	.0008	.0003	-.0001	.7197	.11828	6.084
.601	421.486	-.00	11.88	.7999	-.0237	-.0734	.0018	.0004	.0001	.7879	.14143	5.571
.601	421.585	-.00	13.01	.8663	-.0273	-.0752	.0005	.0004	-.0007	.8505	.16841	5.050
.601	421.117	-.00	14.09	.9281	-.0292	-.0762	.0018	.0002	.0001	.9077	.19754	4.595
.601	421.344	-.00	15.27	.9817	-.0295	-.0713	.0014	-.0002	.0003	.9554	.23007	4.153
.600	420.986	-.00	16.31	1.0248	-.0292	-.0699	.0010	-.0000	.0000	.9924	.25976	3.821
.602	422.368	-.00	17.34	1.0442	-.0283	-.0615	.0031	-.0004	-.0004	1.0059	.28428	3.538
.602	422.188	-.00	18.38	1.0495	-.0251	-.0553	.0020	-.0002	-.0001	1.0046	.30713	3.271
.601	421.103	-.00	19.38	1.0693	-.0214	-.0587	.0001	.0004	-.0006	1.0164	.33452	3.038
.602	422.692	-.00	20.38	1.0906	-.0164	-.0652	-.0001	.0006	-.0009	1.0290	.36442	2.824
.600	420.929	-.00	21.33	1.0820	-.0100	-.0761	.0001	.0007	-.0012	1.0124	.38430	2.634
.602	422.840	-.00	22.30	1.1050	-.0068	-.0862	.0016	-.0005	.0003	1.0260	.41306	2.484
.602	422.852	-.00	23.31	1.1479	-.0063	-.0966	.0013	-.0004	-.0000	1.0579	.44845	2.359
.602	422.504	-.00	24.16	1.1815	-.0062	-.1052	.0010	-.0006	-.0004	1.0818	.47792	2.264

TEST 873							RUN 71					
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.901 713.048	-.01	.03	.0368	.0355	-.0570	.0010	.0006	.0005	.0368	.03555	1.036	
.902 713.575	-.01	-1.72	-.0925	.0384	-.0526	.0013	.0007	.0004	-.0913	.04117	-2.218	
.901 712.891	-.01	.01	.0355	.0354	-.0568	.0010	.0006	.0008	.0355	.03544	1.001	
.901 713.213	-.01	2.24	.1930	.0301	-.0611	.0010	.0005	.0008	.1917	.03766	5.090	
.905 716.322	-.01	4.55	.3855	.0214	-.0800	.0015	.0004	.0010	.3826	.05198	7.361	
.906 716.791	-.00	6.87	.5536	.0133	-.0980	.0014	.0002	.0011	.5581	.08057	6.926	
.906 717.418	-.00	9.20	.7208	.0030	-.1012	.0013	.0001	.0007	.7113	.11818	6.019	
.903 714.411	-.00	10.34	.7931	-.0016	-.0982	.0011	.0001	.0006	.7808	.14071	5.549	
.905 716.428	-.00	11.54	.8678	-.0043	-.0986	-.0003	.0001	.0007	.8515	.16931	5.029	
.904 715.684	-.00	12.65	.9199	-.0062	-.0922	-.0000	-.0001	.0008	.8994	.19547	4.601	
.912 721.476	-.00	13.86	.9669	-.0060	-.0906	-.0006	-.0002	.0011	.9407	.22578	4.167	
.909 719.360	-.00	14.91	1.0141	-.0059	-.0901	-.0001	-.0000	.0011	.9821	.25534	3.846	
.916 724.773	-.00	16.10	1.0689	-.0043	-.0999	.0015	-.0002	.0003	1.0289	.29241	3.519	
.908 718.262	-.01	17.16	1.0923	-.0055	-.0970	.0009	-.0005	.0010	1.0461	.31711	3.299	

TEST 873						RUN 72						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.601 420.592	-.00	.04	.0238	.0312	-.0469	.0010	-.0000	.0022	.0238	.03122	.762	.762
.600 419.624	-.00	-1.61	-.0802	.0335	-.0446	.0009	.0001	.0017	-.0792	.03572	-2.217	-2.217
.602 421.749	-.00	.05	.0243	.0312	-.0468	.0010	-.0000	.0025	.0243	.03123	.778	.778
.602 421.736	-.00	2.08	.1424	.0265	-.0481	.0007	-.0001	.0020	.1413	.03162	4.470	4.470
.602 421.982	-.00	4.17	.2771	.0176	-.0499	.0009	-.0001	.0020	.2751	.03775	7.287	7.287
.601 420.674	-.00	6.33	.4172	.0051	-.0520	.0011	-.0003	.0019	.4141	.05105	8.112	8.112
.601 420.952	-.00	8.50	.5620	-.0116	-.0557	.0009	-.0003	.0022	.5577	.07156	7.793	7.793
.601 420.567	-.00	9.61	.6341	-.0205	-.0579	.0007	-.0002	.0017	.6287	.08558	7.346	7.346
.601 420.938	-.00	10.73	.7117	-.0297	-.0609	.0004	-.0000	.0012	.7050	.10337	6.820	6.820
.600 420.416	-.00	11.85	.7846	-.0379	-.0614	.0002	-.0001	.0012	.7759	.12399	6.257	6.257
.601 421.073	-.00	12.99	.8531	-.0447	-.0592	.0002	-.0002	.0013	.8417	.14828	5.676	5.676
.601 420.842	-.00	14.06	.9083	-.0479	-.0559	.0001	-.0002	.0015	.8931	.17421	5.126	5.126
.601 420.725	-.00	15.27	.9783	-.0511	-.0525	.0010	-.0007	.0021	.9577	.20830	4.598	4.598
.601 420.772	-.00	16.31	1.0133	-.0516	-.0469	.0016	-.0008	.0016	.9876	.23503	4.202	4.202
.602 421.566	-.00	17.32	1.0261	-.0507	-.0451	.0025	-.0012	.0011	.9953	.25704	3.872	3.872
.601 420.722	-.00	18.36	1.0499	-.0493	-.0473	.0016	-.0005	.0010	1.0126	.28395	3.566	3.566
.601 421.130	-.00	19.36	1.0859	-.0475	-.0524	.0014	-.0006	.0012	1.0411	.31518	3.303	3.303
.600 420.476	-.00	20.41	1.1299	-.0461	-.0563	.0010	-.0004	.0006	1.0760	.35087	3.067	3.067
.602 422.331	-.00	21.43	1.1757	-.0430	-.0640	-.0002	.0003	.0005	1.1112	.38959	2.852	2.852
.603 423.500	-.00	22.39	1.1789	-.0367	-.0762	-.0009	-.0005	.0016	1.1051	.41519	2.662	2.662
.601 421.280	-.00	23.37	1.2069	-.0322	-.0889	-.0006	-.0009	.0019	1.1219	.44918	2.498	2.498
.602 422.048	-.00	24.35	1.2433	-.0313	-.0926	-.0001	-.0010	.0019	1.1469	.48418	2.369	2.369



# TABLE II.- TABULATED RESULTS - Continued

TEST 873												RUN 73													
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.903	711.907	-.01	.15	.1105	.0279	-.0891	.0060	.0011	-.0019	.1105	.02819	3.919	.901	710.525	-.01	-1.67	-.0541	.0304	-.0760	.0048	.0011	-.0019	-.0532	.03197	-1.663
.904	712.283	-.01	.23	.1172	.0278	-.0896	.0057	.0011	-.0019	.1171	.02828	4.140	.904	712.602	-.01	2.51	.3193	.0219	-.1052	.0071	.0012	-.0019	.3180	.03585	8.870
.902	711.192	-.00	4.78	.4977	.0135	-.1140	.0059	.0007	-.0008	.4949	.05496	9.005	.905	713.333	.00	7.19	.6921	.0049	-.1262	.0055	.0003	-.0011	.6862	.09147	7.502
.904	713.140	.00	9.48	.8332	.0005	-.1202	.0043	.0004	-.0024	.8220	.13772	5.968	.904	712.546	.00	10.66	.8960	-.0010	-.1144	.0023	.0003	-.0023	.8811	.16474	5.348
.908	715.848	-.00	11.68	.8656	.0087	-.0971	.0009	.0007	-.0017	.8463	.18372	4.607	.909	716.417	.00	12.80	.9362	.0097	-.1040	.0011	.0005	-.0023	.9113	.21684	4.203
.909	716.300	.00	13.96	.9794	.0100	-.1032	.0025	.0005	-.0030	.9487	.24594	3.857	.908	715.841	.00	14.99	1.0115	.0138	-.1108	.0021	.0008	-.0032	.9742	.27486	3.544
.908	715.693	-.00	16.19	1.0707	.0168	-.1220	.0019	.0011	-.0038	1.0243	.31473	3.255	.912	718.756	-.00	17.31	1.1659	.0188	-.1472	.0020	.0013	-.0039	1.1085	.36490	3.038

TEST 873												RUN 74													
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.797	619.106	-.00	.12	.0989	.0250	-.0759	.0055	.0010	-.0013	.0989	.02519	3.926	.796	617.618	-.01	-1.68	-.0480	.0276	-.0692	.0050	.0011	-.0006	-.0472	.02897	-1.630
.797	618.900	-.01	.14	.0941	.0249	-.0761	.0057	.0010	-.0009	.0941	.02515	3.740	.797	619.504	-.01	2.32	.2583	.0185	-.0780	.0059	.0010	-.0012	.2573	.02899	8.878
.797	619.578	-.00	4.58	.4209	.0072	-.0768	.0057	.0006	-.0010	.4181	.04073	10.265	.799	620.840	-.00	6.89	.5908	-.0088	-.0717	.0060	.0003	-.0006	.5877	.06214	9.457
.797	618.868	.00	9.24	.7624	-.0174	-.0707	.0059	.0007	-.0024	.7555	.10521	7.181	.798	620.216	.00	10.32	.7984	-.0092	-.0680	-.0003	.0001	-.0012	.7874	.13387	5.882
.798	620.185	.00	11.44	.8343	-.0049	-.0659	.0042	.0006	-.0036	.8190	.16067	5.098	.799	620.843	.01	12.49	.8697	-.0018	-.0672	.0048	.0003	-.0033	.8499	.18629	4.562
.800	622.044	.01	13.60	.9060	.0012	-.0668	.0049	.0001	-.0033	.8808	.21425	4.111	.799	620.798	.01	14.70	.9377	.0012	-.0672	.0048	.0003	-.0033	.8808	.21425	4.111
.799	620.798	.01	15.83	.9678	.0074	-.0714	.0037	-.0002	-.0025	.9296	.27118	3.428	.800	621.120	.01	16.83	.9932	.0107	-.0784	.0036	-.0003	-.0025	.9482	.29781	3.184
.800	621.783	.01	17.83	1.0097	.0134	-.0863	.0035	-.0003	-.0024	.9579	.32189	2.976	.800	622.166	.01	18.89	1.0391	.0155	-.0957	.0033	-.0003	-.0025	.9790	.35108	2.789
.799	620.592	.01	19.90	1.0783	.0172	-.1061	.0032	-.0003	-.0025	1.0090	.38323	2.633	.803	624.902	.01	22.00	1.1548	.0193	-.1253	.0033	-.0006	-.0020	1.0647	.45053	2.363
.800	621.650	.01	20.94	1.1141	.0186	-.1157	.0029	-.0002	-.0021	1.0349	.41556	2.490	.801	623.009	.01	23.03	1.1939	.0195	-.1353	.0038	-.0011	-.0015	1.0925	.48501	2.252
.802	623.213	.02	24.01	1.2302	.0196	-.1462	.0040	-.0017	-.0010	1.1172	.51849	2.155	.802	623.860	.01	24.90	1.2738	.0196	-.1590	.0024	-.0002	-.0016	1.1486	.55421	2.073

TEST 873												RUN 75													
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.699	522.601	-.00	.09	.0889	.0239	-.0704	.0052	.0006	-.0008	.0889	.02400	3.703	.701	524.121	-.00	-1.68	-.0456	.0264	-.0660	.0045	.0007	-.0002	-.0448	.02769	-1.619
.699	522.759	-.00	.11	.0869	.0240	-.0708	.0054	.0006	-.0002	.0869	.02420	3.590	.699	522.500	-.00	2.20	.2314	.0177	-.0707	.0056	.0007	-.0010	.2306	.02660	8.670
.701	524.679	-.00	4.37	.3832	.0078	-.0708	.0053	.0004	-.0004	.3815	.03701	10.308	.699	522.449	-.00	6.62	.5351	-.0083	-.0658	.0057	.0003	-.0006	.5326	.05340	9.974
.699	522.785	-.00	8.88	.6979	-.0156	-.0647	.0068	.0008	-.0027	.6921	.09228	7.500	.699	522.276	.00	11.13	.8099	-.0113	-.0587	.0049	.0006	-.0038	.7971	.14524	5.488
.700	523.012	.00	12.21	.8489	-.0090	-.0563	.0049	.0004	-.0037	.8320	.17069	4.874	.699	522.595	.01	13.32	.8877	-.0065	-.0551	.0047	.0002	-.0036	.8657	.19818	4.368
.700	523.346	.01	14.37	.9205	-.0037	-.0557	.0041	.0001	-.0031	.8931	.22475	3.974	.700	523.024	.01	15.53	.9528	-.0006	-.0567	.0038	-.0001	-.0028	.9187	.25451	3.610
.699	522.782	.01	16.57	.9818	.0025	-.0607	.0038	-.0002	-.0024	.9410	.28238	3.332	.699	522.388	.01	17.54	.9953	.0060	-.0671	.0038	-.0003	-.0025	.9479	.30564	3.102
.699	522.676	.01	18.57	1.0142	.0090	-.0752	.0037	-.0006	-.0020	.9593	.33148	2.894	.707	529.966	.01	19.61	1.0423	.0115	-.0858	.0033	-.0002	-.0021	.9788	.36068	2.714
.700	522.889	.01	20.63	1.0679	.0121	-.0933	.0031	-.0003	-.0024	.9961	.38765	2.570	.701	523.771	.01	21.65	1.1030	.0128	-.1008	.0029	-.0002	-.0019	1.0215	.41890	2.439
.702	525.265	.01	22.65	1.1300	.0132	-.1082	.0033	-.0008	-.0022	1.0390	.44731	2.323	.702	524.584	.01	23.63	1.1659	.0140	-.1203	.0036	-.0013	-.0018	1.0638	.48010	2.216
.701	523.675	.01	24.39	1.1900	.0141	-.1306	.0029	-.0006	-.0020	1.0793	.50428	2.140													

TEST 873												RUN 76													
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D	MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.600	418.386	-.00	.08	.0861	.0237	-.0671	.0051	.0006	-.0005	.0861	.02380	3.618	.601	419.483	-.00	-1.54	-.0345	.0257	-.0633	.0043	.0006	-.0002	-.0338	.02665	-1.269
.601	418.799	-.00	.09	.0812	.0235	-.0667	.0051	.0007	-.0004	.0812	.02363	3.435	.601	419.279	-.00	2.15	.2173	.0175	-.0655	.0052	.0006	-.0005	.2165	.02566	8.440
.601	419.199	-.00	4.25	.3568	.0084	-.0650	.0052	.0004	-.0003	.3553	.03480	10.208	.601	419.211	-.00	6.41	.4972	-.0065	-.0619	.0054	.0003	-.0007	.4949	.04909	10.081
.601	419.709	-.00	8.62	.6530	-.0174	-.0606	.0063	.0008	-.0027	.6483	.08075	8.029	.601	418.982	.00	9.76	.7273	-.0167	-.0585	.0064	.0004	-.0023	.7198	.10681	6.739
.601	419.341	.00	10.87	.7818	-.0157	-.0545	.0051	.0002	-.0028	.7710	.13193	5.844	.602	420.125	.00	11.92	.8225	-.0133	-.0529	.0043	.0004	-.0030	.8078	.15685	5.150
.601	419.678	.00	13.08	.8759	-.0123	-.0512	.0040	.0005	-.0034	.8563	.18629	4.597	.601	419.473	.00	14.10	.9153	-.0104	-.0503	.0039	.0002	-.0030	.8907	.21291	4.184
.604	422.115	.00	15.26	.9485	-.0073	-.0490	.0037	.0001	-.0031	.9176	.26252	3.784	.604	419.113	.00	16.29	.9788	-.0042	-.0514	.0036	-.0000	-.0029	.9413	.27053	3.479
.602	420.259	.01	17.27	1.0036	-.0006	-.0566	.0036	-.0003	-.0026	.9593	.29736	3.226	.601	419.091	.01	18.34	1.0171	.0035	-.0648	.0040	-.0006	-.0024	.9651	.32327	2.986
.601	419.565	.01	19.29	1.0264	.0066	-.0719	.0038	-.0007	-.0023	.9674	.34534	2.801	.600	417.965	.01	20.29	1.0473	.0081	-.0801	.0033	-.0004	-.0026	.9804	.37087	2.643
.602	420.792	.01	21.30	1.0829	.0090	-.0884	.0029	-.0003	-.0023	1.0067	.40172	2.506	.601	419.115	.01	22.30	1.1080	.0094	-.0942	.0031	-.0005	-.0021	1.0226	.42909	2.383
.600	418.441	.01	23.31	1.1408	.0094	-.1025	.0028	-.0005	-.0023	1.0451	.46014	2.271	.600	417.856	.01	24.29	1.1707	.0096	-.1135	.0025	-.0004	-.0018	1.0644	.49039	2.170

TABLE II.- TABULATED RESULTS - Continued

TEST 873						RUN 77						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.904	711.756	-.01	.14	-.0979	.0265	-.0660	.0055	.0010	-.0013	.0978	.02670	3.664
.902	710.463	-.01	-1.78	-.0707	.0291	-.0576	.0050	.0011	-.0014	-.0698	.03133	-2.227
.903	711.062	-.01	.18	-.0969	.0262	-.0650	.0056	.0010	-.0011	.0968	.02647	3.656
.902	710.833	-.01	2.46	.2953	.0197	-.0726	.0066	.0008	-.0008	.2942	.03237	9.088
.904	712.035	-.00	4.79	.4820	.0121	-.0845	.0059	.0003	-.0004	.4794	.05224	9.176
.904	712.159	-.00	7.17	.6777	.0030	-.0935	.0058	.0003	-.0009	.6722	.08758	7.675
.902	710.400	.00	9.48	.8135	-.0024	-.0820	.0031	.0002	-.0018	.8030	.13160	6.102
.905	713.070	.00	10.58	.8423	.0007	-.0720	-.0042	-.0012	.0034	.8281	.15533	-5.331
.905	713.050	.00	11.67	.8531	.0060	-.0627	-.0008	-.0004	.0010	.8346	.17840	4.678
.907	714.387	.00	12.77	.8992	.0077	-.0597	.0003	-.0001	-.0005	.8757	.20628	4.246
.903	711.110	.00	13.91	.9441	.0093	-.0564	.0021	-.0001	-.0013	.9147	.23603	3.875
.909	716.178	.00	15.05	1.0082	.0135	-.0681	.0019	.0001	-.0017	.9708	.27481	3.533
.909	716.166	-.00	16.19	1.0302	.0166	-.0708	.0013	.0005	-.0020	.9854	.30328	3.249
.908	715.519	.00	17.27	1.0985	.0198	-.0846	.0016	-.0001	-.0008	1.0440	.34500	3.026

TEST 873						RUN 78						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.797	619.115	-.01	.11	-.0808	.0237	-.0559	.0055	.0010	-.0011	.0808	.02381	3.394
.798	619.942	-.01	-1.39	-.0387	.0259	-.0550	.0050	.0012	-.0008	-.0381	.02679	-1.422
.797	618.613	-.01	.13	-.0813	.0235	-.0553	.0053	.0010	-.0007	.0813	.02372	3.427
.799	620.352	-.01	2.32	.2418	.0167	-.0508	.0057	.0010	-.0006	.2409	.02644	9.111
.798	619.654	-.00	4.57	.3978	.0058	-.0446	.0057	.0006	-.0008	.3961	.03744	10.580
.797	618.503	-.00	6.92	.5703	-.0108	-.0355	.0057	.0004	-.0009	.5676	.05801	9.783
.797	618.835	.00	9.25	.7389	-.0175	-.0311	.0057	.0007	-.0030	.7322	.10146	7.217
.798	620.102	.00	10.32	.7702	-.0092	-.0264	.0010	-.0001	-.0026	.7596	.12888	5.894
.798	620.915	.00	11.43	.8068	-.0056	-.0223	.0036	.0002	-.0028	.7922	.15433	5.133
.799	621.205	.01	12.50	.8434	-.0030	-.0233	.0044	.0001	-.0028	.8244	.17955	4.591
.799	620.885	.01	13.61	.8799	-.0003	-.0223	.0045	.0001	-.0028	.8557	.20680	4.138
.800	621.715	.01	14.68	.9133	.0027	-.0240	.0039	-.0001	-.0026	.8833	.23411	3.773
.799	620.363	.01	15.81	.9418	.0060	-.0289	.0036	-.0001	-.0022	.9051	.26241	3.449
.800	622.158	.01	16.85	.9629	.0099	-.0346	.0034	-.0003	-.0024	.9194	.28856	3.186
.799	621.069	.01	17.85	.9829	.0130	-.0365	.0034	-.0006	-.0017	.9324	.31358	2.973
.801	622.152	.01	18.90	1.0085	.0156	-.0381	.0033	-.0006	-.0014	.9499	.34136	2.783
.801	622.463	.01	19.95	1.0342	.0176	-.0395	.0031	-.0008	-.0012	.9670	.36940	2.618
.801	622.067	.01	20.94	1.0499	.0187	-.0392	.0027	-.0007	-.0005	.9748	.39269	2.482
.799	620.562	.01	22.00	1.0786	.0194	-.0391	.0030	-.0009	-.0003	.9939	.42206	2.355
.801	622.888	.01	23.02	1.1179	.0207	-.0417	.0036	-.0015	-.0002	1.0219	.45627	2.240
.801	622.679	.02	24.03	1.1389	.0209	-.0408	.0038	-.0019	-.0003	1.0330	.48279	2.140
.802	623.832	.00	25.03	1.1708	.0212	-.0413	.0015	-.0008	.0015	1.0532	.51447	2.047

TEST 873						RUN 79						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.698	521.197	-.01	.09	-.0797	.0219	-.0521	.0052	.0012	-.0015	.0797	.02199	3.624
.699	521.701	-.01	-1.49	-.0394	.0242	-.0530	.0047	.0013	-.0010	-.0388	.02526	-1.536
.700	522.442	-.01	.15	-.0777	.0218	-.0519	.0051	.0011	-.0014	.0777	.02199	3.532
.699	521.640	-.01	2.26	.2182	.0154	-.0457	.0054	.0011	-.0013	.2174	.02401	9.055
.699	521.646	-.00	4.42	.3608	.0058	-.0389	.0052	.0006	-.0007	.3593	.03355	10.709
.697	519.795	-.00	6.69	.5111	-.0102	-.0305	.0052	.0004	-.0011	.5089	.04941	10.299
.698	521.067	-.00	8.96	.6724	-.0179	-.0245	.0064	.0011	-.0035	.6671	.08713	7.657
.699	522.027	.00	10.10	.7331	-.0145	-.0172	.0056	.0006	-.0037	.7245	.11424	6.342
.699	521.496	.00	11.20	.7772	-.0131	-.0094	.0048	.0004	-.0035	.7652	.13811	5.541
.699	521.913	.00	12.28	.8144	-.0109	-.0070	.0046	.0003	-.0039	.7984	.16258	4.911
.698	521.257	.01	13.40	.8539	-.0083	-.0057	.0045	-.0001	-.0032	.8329	.18976	4.389
.700	522.634	.01	14.45	.8889	-.0054	-.0080	.0038	-.0000	-.0029	.8626	.21660	3.982
.699	521.454	.01	15.58	.9212	-.0025	-.0095	.0036	-.0002	-.0026	.8886	.24504	3.626
.699	521.444	.01	16.65	.9482	.0007	-.0139	.0037	-.0002	-.0030	.9088	.27245	3.336
.699	522.122	.01	17.63	.9630	.0045	-.0177	.0037	-.0004	-.0028	.9170	.29594	3.099
.699	522.178	.01	18.65	.9748	.0076	-.0191	.0036	-.0008	-.0019	.9219	.31897	2.890
.698	520.655	.01	19.65	.9871	.0100	-.0200	.0033	-.0008	-.0017	.9270	.34142	2.715
.701	523.703	.01	20.70	1.0092	.0117	-.0205	.0029	-.0008	-.0015	.9407	.36764	2.559
.701	523.711	.01	21.73	1.0414	.0126	-.0194	.0028	-.0008	-.0010	.9637	.39735	2.425
.701	523.849	.01	22.73	1.0583	.0131	-.0172	.0029	-.0013	-.0007	.9720	.42107	2.308
.701	523.307	.01	23.75	1.0826	.0142	-.0176	.0033	-.0016	-.0012	.9863	.44900	2.197
.701	523.924	.01	24.72	1.1001	.0151	-.0176	.0023	-.0008	-.0006	.9942	.47366	2.099

TEST 873						RUN 80						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.599	416.586	-.00	.17	-.0769	.0211	-.0494	.0047	.0010	-.0017	.0769	.02131	3.607
.599	416.778	-.01	-1.53	-.0472	.0237	-.0522	.0040	.0011	-.0010	-.0465	.02491	-1.867
.600	417.828	-.01	.18	-.0729	.0211	-.0499	.0049	.0010	-.0015	.0728	.02134	3.411
.602	419.879	-.00	2.24	.2051	.0152	-.0429	.0051	.0009	-.0011	.2044	.02317	8.822
.601	418.642	-.00	4.33	.3382	.0058	-.0357	.0050	.0006	-.0008	.3368	.03130	10.761
.601	418.658	-.00	6.51	.4790	-.0090	-.0271	.0051	.0005	-.0016	.4770	.04537	10.512
.599	416.263	-.00	8.73	.6319	-.0195	-.0208	.0059	.0010	-.0034	.6277	.07662	8.192
.599	416.859	.00	9.81	.6990	-.0187	-.0155	.0061	.0009	-.0040	.6922	.10076	6.869
.600	417.379	.00	10.94	.7539	-.0180	-.0074	.0051	.0007	-.0048	.7438	.12543	5.930
.600	418.161	.00	12.01	.7935	-.0156	-.0029	.0040	.0004	-.0034	.7796	.14989	5.201
.600	417.627	.00	13.13	.8443	-.0143	-.0005	.0037	.0002	-.0031	.8259	.17789	4.643
.600	418.092	.00	14.19	.8829	-.0121	.0013	.0036	.0001	-.0030	.8594	.20466	4.199
.601	418.407	.00	15.33	.9206	-.0092	.0008	.0036	-.0001	-.0028	.8907	.23452	3.798
.600	417.721	.00	16.35	.9465	-.0061	-.0020	.0033	-.0000	-.0031	.9105	.26067	3.493
.599	416.953	.01	17.36	.9692	-.0024	-.0068	.0035	-.0002	-.0029	.9264	.28683	3.230
.599	417.270	.01	18.39	.9780	.0018	-.0110	.0039	-.0007	-.0029	.9284	.31041	2.991
.601	418.901	.01	19.36	.9812	.0052	-.0123	.0037	-.0009	-.0018	.9246	.33019	2.800
.600	417.801	.01	20.36	1.0013	.0074	-.0138	.0032	-.0009	-.0017	.9369	.35534	2.637
.600	418.027	.01	21.37	1.0201	.0082	-.0124	.0027	-.0006	-.0013	.9478	.37939	2.498
.600	418.009	.01	22.38	1.0446	.0088	-.0096	.0028	-.0011	-.0008	.9635	.40591	2.374
.602	419.747	.01	23.36	1.0693	.0095	-.0081	.0026	-.0009	-.0008	.9789	.43278	2.262
.599	416.283	.01	24.28	1.0764	.0097	-.0067	.0024	-.0008	-.0014	.9783	.45138	2.167

TABLE II.- TABULATED RESULTS - Continued

TEST 873						RUN 81						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.904	707.768	-.01	.15	.1031	.0328	-.0805	.0053	.0010	-.0016	.1030	.03309	3.114
.903	707.537	-.00	-1.45	-.0263	.0337	-.0737	.0047	.0008	-.0013	-.0254	.03436	-.740
.905	708.688	-.01	.23	.1064	.0328	-.0812	.0051	.0010	-.0014	.1063	.03318	3.202
.905	709.060	-.01	2.53	.3058	.0283	-.0922	.0054	.0006	-.0003	.3043	.04180	7.280
.906	709.548	-.00	4.87	.4988	.0218	-.1031	.0045	.0001	.0001	.4953	.06401	7.737
.905	709.124	.00	7.26	.7007	.0144	-.1162	.0037	.0000	-.0005	.6935	.10276	6.748
.904	708.391	.00	9.61	.8659	.0095	-.1189	.0042	.0003	-.0024	.8525	.15387	5.540
.904	707.684	.00	10.75	.9250	.0073	-.1121	.0050	.0002	-.0023	.9079	.17966	5.053
.906	709.505	.00	11.92	.9733	.0064	-.1075	.0080	.0004	-.0032	.9515	.20730	4.590
.905	708.518	.01	13.03	1.0210	.0054	-.1040	.0081	.0003	-.0036	.9941	.23540	4.223
.909	712.083	.01	14.20	1.0830	.0053	-.1123	.0088	.0002	-.0037	1.0494	.27075	3.876
.909	711.742	.00	15.26	1.1262	.0054	-.1160	.0037	.0004	-.0032	1.0859	.30164	3.600
.908	711.530	-.00	16.43	1.1671	.0063	-.1194	.0030	.0010	-.0041	1.1186	.33623	3.327
.909	712.292	-.00	17.51	1.2285	.0071	-.1306	.0034	.0013	-.0043	1.1705	.37646	3.109

TEST 873						RUN 82						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.797	615.315	-.01	.13	.0924	.0282	-.0691	.0048	.0008	-.0007	.0923	.02842	3.248
.796	613.862	-.01	-1.35	-.0170	.0294	-.0661	.0047	.0007	-.0000	-.0163	.02974	-.548
.799	616.667	-.01	.17	.0889	.0283	-.0694	.0050	.0009	-.0005	.0888	.02854	3.112
.797	615.162	-.00	2.34	.2513	.0227	-.0703	.0049	.0007	-.0005	.2502	.03292	7.601
.798	615.603	-.00	4.62	.4234	.0124	-.0683	.0053	.0003	-.0008	.4211	.04654	9.048
.797	615.036	.00	6.95	.5952	.0011	-.0607	.0054	.0002	-.0008	.5908	.07311	8.081
.797	615.567	.00	9.29	.7687	-.0098	-.0538	.0059	.0006	-.0035	.7604	.11444	6.644
.797	615.057	.00	10.47	.8478	-.0140	-.0501	.0055	.0004	-.0029	.8365	.14027	5.964
.798	616.163	.00	11.62	.9105	-.0159	-.0469	.0055	.0005	-.0035	.8954	.16778	5.337
.797	615.662	.00	12.71	.9510	-.0157	-.0404	.0037	.0002	-.0034	.9316	.19394	4.804
.798	616.637	.00	13.83	.9785	-.0146	-.0347	.0014	.0002	-.0025	.9541	.21977	4.341
.798	615.895	.00	14.90	1.0117	-.0131	-.0322	.0045	.0006	-.0044	.9816	.24753	3.966
.799	616.927	.01	16.05	1.0455	-.0099	-.0378	.0078	.0001	-.0048	1.0082	.27966	3.605
.799	616.846	.01	17.04	1.0600	-.0067	-.0446	.0077	-.0002	-.0044	1.0162	.30421	3.341
.800	617.943	.01	18.04	1.0741	-.0021	-.0591	.0070	-.0002	-.0044	1.0228	.33066	3.093
.801	618.402	.00	19.05	1.0974	.0028	-.0749	.0032	.0010	-.0044	1.0373	.36078	2.875
.801	618.523	.00	20.07	1.1376	.0045	-.0874	.0032	.0008	-.0044	1.0680	.39468	2.706
.801	619.007	-.01	21.09	1.1691	.0074	-.1027	.0019	.0018	-.0037	1.0893	.42754	2.548
.802	619.925	-.01	22.12	1.1997	.0082	-.1131	.0026	.0016	-.0042	1.1096	.45930	2.416
.801	618.945	-.01	23.19	1.2501	.0082	-.1233	.0022	.0023	-.0044	1.1473	.49989	2.295
.803	620.199	-.01	24.17	1.2968	.0080	-.1342	.0022	.0021	-.0044	1.1814	.53820	2.195
.801	619.166	-.01	25.09	1.3343	.0072	-.1430	.0020	.0022	-.0039	1.2071	.57237	2.109

TEST 873						RUN 83						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.698	518.304	-.00	.14	.0824	.0272	-.0648	.0046	.0007	-.0005	.0824	.02736	3.012
.698	518.018	-.01	-1.49	-.0305	.0285	-.0619	.0044	.0006	.0004	-.0298	.02931	-1.015
.699	519.321	-.00	.15	.0801	.0273	-.0649	.0048	.0006	.0001	.0801	.02749	2.913
.699	519.386	-.00	2.25	.2287	.0219	-.0652	.0045	.0003	.0006	.2277	.03081	7.390
.699	518.845	-.00	4.44	.3859	.0115	-.0637	.0048	.0001	-.0000	.3839	.04129	9.297
.699	519.451	.00	6.68	.5461	-.0016	-.0582	.0051	.0000	-.0005	.5427	.06197	8.758
.699	518.787	.00	8.96	.6990	-.0150	-.0489	.0049	.0001	-.0015	.6930	.09397	7.374
.699	519.579	.00	10.06	.7714	-.0204	-.0442	.0051	.0005	-.0029	.7633	.11470	6.654
.700	519.710	.00	11.24	.8502	-.0247	-.0403	.0051	.0006	-.0037	.8390	.14145	5.931
.699	519.096	.00	12.39	.9127	-.0271	-.0331	.0051	.0006	-.0041	.8976	.16935	5.300
.701	521.193	.00	13.55	.9667	-.0245	-.0309	.0051	.0008	-.0046	.9460	.20265	4.668
.699	519.360	.00	14.58	1.0024	-.0236	-.0260	.0064	.0008	-.0049	.9767	.22940	4.258
.700	519.743	.01	15.71	1.0285	-.0210	-.0250	.0091	.0005	-.0063	.9964	.25825	3.858
.699	518.715	.01	16.72	1.0443	-.0177	-.0277	.0093	.0004	-.0062	1.0059	.28352	3.548
.699	519.495	.01	17.73	1.0552	-.0134	-.0354	.0090	-.0001	-.0052	1.0099	.30849	3.274
.701	520.682	.01	18.76	1.0821	-.0103	-.0465	.0081	-.0006	-.0046	1.0288	.33817	3.042
.700	520.059	.02	19.76	1.1095	-.0079	-.0580	.0075	-.0017	-.0048	1.0478	.36761	2.850
.701	520.627	.01	20.75	1.1312	-.0038	-.0719	.0046	.0000	-.0041	1.0602	.39735	2.668
.701	520.572	-.01	21.72	1.1452	.0014	-.0897	.0027	.0016	-.0042	1.0644	.42513	2.504
.700	519.569	-.01	22.76	1.1832	.0016	-.0977	.0027	.0016	-.0043	1.0917	.45925	2.377
.701	520.691	-.00	23.74	1.2195	.0013	-.1064	.0033	.0010	-.0044	1.1171	.49212	2.270
.700	520.333	.00	24.70	1.2593	.0013	-.1156	.0032	.0008	-.0044	1.1451	.52737	2.171

TEST 873						RUN 84						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.601 416.233		-.00	.09	.0826	.0269	-.0621	.0043	.0004	.0002	.0826	.02708	3.051
.600 415.416		-.00	-1.26	-.0130	.0278	-.0601	.0043	.0005	.0004	-.0124	.02808	-.440
.600 415.985		-.00	.10	.0762	.0268	-.0620	.0043	.0003	.0005	.0761	.02691	2.829
.601 416.386		-.00	2.16	.2154	.0214	-.0616	.0045	.0003	.0009	.2145	.02945	7.281
.601 416.881		-.00	4.29	.3640	.0112	-.0604	.0046	.0001	-.0002	.3621	.03838	9.435
.600 415.988		-.00	6.47	.5145	-.0027	-.0564	.0049	.0000	-.0003	.5116	.05523	9.263
.600 415.379		.00	8.66	.6661	-.0188	-.0515	.0051	.0002	-.0011	.6615	.08169	8.097
.600 416.005		.00	9.79	.7365	-.0262	-.0465	.0053	.0003	-.0024	.7304	.09940	7.348
.600 415.985		.00	10.92	.8094	-.0332	-.0418	.0054	.0006	-.0039	.8013	.12075	6.636
.600 415.578		.00	12.02	.8744	-.0370	-.0368	.0047	.0006	-.0033	.8632	.14589	5.917
.600 416.135		-.00	13.18	.9380	-.0352	-.0339	.0053	.0010	-.0044	.9217	.17957	5.133
.600 415.771		.00	14.26	.9962	-.0349	-.0315	.0046	.0009	-.0050	.9747	.21153	4.608
.600 415.438		.00	15.44	1.0360	-.0326	-.0232	.0083	.0013	-.0064	1.0079	.24435	4.125
.601 416.840		.00	16.47	1.0544	-.0283	-.0196	.0100	.0010	-.0072	1.0198	.27174	3.753
.602 417.405		.00	17.45	1.0646	-.0241	-.0220	.0097	.0008	-.0064	1.0236	.29627	3.455
.601 417.072		.01	18.47	1.0765	-.0194	-.0303	.0095	.0006	-.0053	1.0280	.32272	3.185
.601 416.653		.02	19.47	1.1022	-.0165	-.0414	.0099	-.0018	-.0055	1.0456	.35178	2.972
.600 415.822		.02	20.46	1.1286	-.0135	-.0533	.0104	-.0024	-.0056	1.0631	.38182	2.784
.601 416.320		.03	21.44	1.1456	-.0099	-.0661	.0101	-.0031	-.0049	1.0711	.40949	2.616
.600 416.076		.00	22.40	1.1535	-.0037	-.0828	.0037	.0006	-.0042	1.0691	.43604	2.452
.601 416.407		.00	23.38	1.1843	-.0031	-.0915	.0030	.0008	-.0039	1.0896	.46711	2.333
.602 417.171		.00	24.38	1.2241	-.0035	-.0991	.0028	.0010	-.0051	1.1177	.50220	2.226

TABLE II.- TABULATED RESULTS - Continued

TEST 873												RUN 85											
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D											
.904	707.711	-.01	.16	.0683	.0319	-.0293	.0051	.0005	.0000	.0682	.03213	2.122											
.901	705.434	-.00	-1.59	-.0706	.0333	-.0228	.0048	.0003	.0004	-.0697	.03522	-1.979											
.906	709.398	-.01	.19	.0702	.0321	-.0297	.0051	.0005	.0002	.0701	.03232	2.168											
.908	710.775	-.00	2.49	.2687	.0280	-.0425	.0052	.0001	.0003	.2673	.03968	6.735											
.904	708.055	.00	4.82	.4606	.0199	-.0494	.0048	-.0003	.0004	.4574	.03851	7.816											
.904	708.032	.01	7.26	.6863	.0129	-.0707	.0040	-.0006	-.0001	.6793	.03955	8.823											
.905	708.863	.01	9.57	.8387	.0087	-.0696	.0046	-.0003	-.0011	.8259	.04803	5.580											
.906	709.801	.01	10.69	.8928	.0073	-.0643	.0064	-.0003	-.0016	.8763	.04780	5.071											
.907	710.616	.01	11.86	.9441	.0068	-.0601	.0091	-.0001	-.0030	.9230	.02060	4.601											
.910	712.426	.01	13.02	.9922	.0063	-.0569	.0078	-.0002	-.0029	.9658	.22957	4.207											
.908	711.348	.01	14.17	1.0511	.0050	-.0613	.0062	-.0003	-.0024	1.0186	.26216	3.885											
.909	712.316	.00	15.23	1.0937	.0064	-.0649	.0036	.0002	-.0025	1.0544	.29341	3.594											
.911	713.866	.00	16.45	1.1579	.0075	-.0757	.0036	.0006	-.0032	1.1093	.33499	3.312											
.910	712.861	.00	17.53	1.1982	.0073	-.0796	.0037	.0007	-.0033	1.1414	.36780	3.103											

TEST 873												RUN 86											
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D											
.601	416.489	-.00	.12	.0472	.0273	-.0186	.0045	.0032	.0010	.0472	.02743	1.719											
.599	414.937	-.00	-1.54	-.0423	.0288	-.0157	.0043	.0001	.0020	-.0615	.03050	-2.015											
.601	417.150	-.00	.15	.0492	.0272	-.0185	.0044	.0032	.0009	.0491	.02737	1.793											
.600	415.319	-.00	2.19	.1851	.0219	-.0186	.0043	.0032	.0005	.1842	.02892	6.368											
.601	416.307	-.00	4.33	.3384	.0114	-.0182	.0047	.0001	-.0001	.3366	.03696	9.106											
.600	415.748	.00	6.49	.4951	-.0022	-.0154	.0050	.0000	-.0012	.4823	.05265	9.160											
.599	414.063	.00	8.69	.6360	-.0179	-.0130	.0049	.0002	-.0016	.6315	.07844	8.051											
.601	416.506	.00	9.80	.7349	-.0252	-.0083	.0052	.0003	-.0024	.6991	.09505	7.355											
.601	416.318	.00	10.95	.7815	-.0327	-.0019	.0055	.0032	-.0031	.7737	.11634	6.651											
.601	416.575	.00	12.05	.8477	-.0366	.0032	.0046	.0003	-.0035	.8370	.14125	5.925											
.600	415.719	.00	13.19	.9151	-.0353	.0062	.0050	.0006	-.0041	.8994	.17443	5.156											
.600	416.102	.00	14.28	.9705	-.0351	.0082	.0045	.0005	-.0046	.9496	.20545	4.622											
.600	416.091	.00	15.45	1.0121	-.0334	.0158	.0063	.0006	-.0057	.9850	.23736	4.150											
.600	415.832	.00	16.47	1.0220	-.0281	.0223	.0093	.0008	-.0065	.9886	.26290	3.760											
.601	416.566	.00	17.48	1.0355	-.0241	.0185	.0085	.0007	-.0065	.9957	.28812	3.456											
.600	416.056	.01	18.48	1.0484	-.0202	.0081	.0093	-.0005	-.0045	1.0015	.31316	3.198											
.600	415.384	.02	19.49	1.0745	-.0177	-.0054	.0099	-.0018	-.0058	1.0198	.34192	2.982											
.602	417.465	.02	22.49	1.1051	-.0148	-.0020	.0102	-.0007	-.0054	1.0414	.37298	2.792											
.601	417.046	.02	21.49	1.1276	-.0126	-.0019	.0090	-.0027	-.0043	1.0549	.40133	2.629											
.602	417.628	.00	22.44	1.1334	-.0064	-.0027	.0043	.0001	-.0038	1.0511	.42677	2.463											
.602	417.877	.00	23.43	1.1656	-.0057	-.0027	.0028	.0007	-.0037	1.0730	.45817	2.342											
.602	417.863	.00	24.26	1.2004	-.0061	-.0059	.0029	.0007	-.0042	1.0997	.49769	2.252											

TEST 873												RUN 87											
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D											
.903	706.869	-.00	.02	.0435	.0361	-.0605	.0013	.0004	.0004	.0435	.03612	1.206											
.902	705.627	-.00	-1.71	-.0890	.0397	-.0536	.0016	.0005	.0001	-.0879	.04133	-2.127											
.902	705.799	-.00	.03	.0373	.0361	-.0603	.0013	.0004	.0005	.0374	.03609	1.035											
.903	706.643	-.01	2.22	.1955	.0303	-.0645	.0014	.0003	.0013	.1942	.03784	5.131											
.903	706.923	-.00	4.52	.3897	.0218	-.0834	.0013	.0001	.0017	.3868	.05245	7.375											
.903	706.788	.00	6.81	.5733	.0126	-.1055	.0019	.0000	.0015	.5633	.08061	7.050											
.904	707.482	-.00	9.14	.7512	.0024	-.1212	.0034	-.0001	.0023	.7415	.12168	6.094											
.902	706.322	-.00	10.31	.8231	-.0029	-.1192	.0016	-.0003	.0021	.8166	.14445	5.612											
.904	707.891	.00	11.48	.8986	-.0046	-.1221	.0025	-.0003	.0018	.8819	.17444	5.055											
.905	708.238	-.00	12.62	.9518	-.0065	-.1150	-.0004	-.0002	.0018	.9307	.20155	4.619											
.906	709.092	-.00	13.76	.9883	-.0066	-.1074	.0003	-.0002	.0019	.9621	.22863	4.208											
.907	709.782	-.00	14.83	1.0223	-.0070	-.1037	.0003	-.0001	.0020	.9906	.25493	3.886											
.908	710.584	-.00	16.03	1.0478	-.0060	-.1146	.0007	.0003	.0004	1.0479	.29452	3.558											
.912	713.915	-.01	17.10	1.1317	-.0053	-.1235	.0007	.0006	.0012	1.0841	.32777	3.308											

TEST 873												RUN 88												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D												
.600	415.667	-.00	.01	.0235	.0316	-.0494	.0011	-.0000	.0018	.0235	.03162	.742												
.599	414.616	-.00	-1.62	-.0799	.0338	-.0460	.0013	-.0000	.0018	-.0779	.03604	-2.190												
.600	415.170	-.00	.03	.0247	.0315	-.0494	.0012	-.0001	.0020	.0247	.03155	.782												
.601	416.233	-.00	2.06	.1458	.0269	-.0517	.0012	-.0000	.0015	.1448	.03214	4.505												
.600	415.405	-.00	4.12	.2781	.0183	-.0536	.0010	-.0004	.0021	.2761	.03825	7.219												
.600	415.582	-.00	6.29	.4236	.0054	-.0572	.0012	-.0005	.0029	.4215	.05177	8.123												
.600	415.857	-.00	8.46	.5724	-.0115	-.0634	.0016	-.0004	.0022	.5679	.07279	7.803												
.601	416.216	-.00	9.54	.6435	-.0202	-.0667	.0011	-.0007	.0020	.6381	.08670	7.359												
.601	416.336	-.00	10.71	.7298	-.0303	-.0716	.0008	-.0012	.0023	.7229	.10590	6.826												
.601	416.221	-.00	11.79	.8047	-.0387	-.0754	.0004	-.0003	.0024	.7959	.12653	6.290												
.601	416.216	-.00	12.95	.8805	-.0460	-.0769	.0005	-.0004	.0030	.8688	.15246	5.698												
.601	416.070	-.00	14.02	.9465	-.0495	-.0770	-.0001	-.0006	.0030	.9308	.18123	5.135												
.600	415.621	-.00	15.21	1.0089	-.0570	-.0748	.0006	-.0008	.0038	.9477	.21453	4.504												
.601	415.925	-.00	16.29	1.0579	-.0525	-.0691	.0018	-.0009	.0037	1.0307	.24637	4.184												
.601	416.063	-.00	17.30	1.0823	-.0519	-.0613	.0031	-.0007	.0024	1.0495	.27233	3.854												
.600	415.459	-.00	18.33	1.0922	-.0502	-.0647	.0021	-.0015	.0024	1.0534	.29584	3.561												
.601	416.122	-.00	19.34	1.1270	-.0480	-.0725	.0017	-.0002	.0019	1.0802	.32803	3.293												
.600	415.471	-.00	20.40	1.1724	-.0463	-.0756	.0014	-.0002	.0019	1.1160	.35522	3.056												
.602	417.481	-.00	21.40	1.2045	-.0427	-.0828	-.0000	.0003	.0015	1.1391	.39973	2.847												
.600	415.661	-.00	22.34	1.2137	-.0367	-.0961	.0002	-.0010	.0022	1.1378	.42734	2.663												
.601	416.183	-.00	23.30	1.2385	-.0320	-.1075	-.0000	-.0008	.0020	1.1515	.46050	2.501												
.601	416.747	.00	24.12	1.2639	-.0313	-.1093	.0002	-.0010	.0016	1.1678	.48790	2.390												

TABLE II.- TABULATED RESULTS - Continued

TEST 873						RUN 89						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.903	706.742	-.00	.02	.0679	.0376	-.0820	.0020	.0003	.0008	.0678	.03763	1.803
.905	707.971	-.00	-1.70	-.0685	.0407	-.0731	.0018	.0003	.0007	-.0673	.04267	-1.577
.904	707.210	-.00	.08	.0709	.0377	-.0821	.0020	.0004	.0005	.0709	.03785	1.872
.906	708.909	-.00	2.28	.2296	.0322	-.0892	.0021	.0002	.0013	.2281	.04136	5.515
.905	708.196	-.01	4.56	.4202	.0238	-.1086	.0023	-.0001	.0025	.4176	.05714	7.299
.905	708.202	-.00	6.87	.6067	.0136	-.1288	.0021	-.0002	.0021	.6008	.08614	6.975
.904	707.947	-.00	9.20	.7927	.0029	-.1515	.0018	-.0002	.0022	.7823	.12965	6.034
.903	707.107	-.00	10.38	.8731	-.0025	-.1531	.0042	-.0003	.0027	.8596	.15487	5.550
.908	710.523	-.00	11.54	.9370	-.0028	-.1517	.0017	-.0004	.0024	.9190	.18472	4.975
.906	709.225	-.00	12.67	.9934	-.0057	-.1437	-.0012	-.0002	.0022	.9709	.21238	4.572
.905	708.345	-.00	13.84	1.0190	-.0069	-.1269	.0004	-.0003	.0026	.9917	.23716	4.181
.910	712.038	-.00	14.92	1.0588	-.0057	-.1274	.0004	-.0001	.0020	1.0253	.26703	3.840
.910	712.070	-.01	16.10	1.1110	-.0065	-.1304	.0006	.0003	.0015	1.0701	.30187	3.545
.911	712.971	-.01	17.19	1.1665	-.0050	-.1437	.0013	.0004	.0014	1.1169	.33993	3.286

TEST 873							RUN 90					
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.599	414.345	-.00	.06	.0576	.0330	-.0697	.0019	-.0001	.0028	.0575	.03310	1.738
.601	416.433	-.00	-1.54	-.0475	.0352	-.0654	.0019	.0003	.0017	-.0465	.03648	-1.275
.602	416.988	-.00	.09	.0581	.0330	-.0699	.0018	-.0000	.0024	.0581	.03308	1.755
.600	415.821	-.00	2.13	.1815	.0282	-.0735	.0019	-.0003	.0030	.1804	.03444	5.163
.600	415.158	-.00	4.21	.3150	.0192	-.0761	.0018	-.0003	.0020	.3128	.04228	7.397
.601	416.742	-.00	6.37	.4633	.0060	-.0803	.0021	-.0006	.0030	.4598	.05737	8.014
.602	416.936	-.00	8.56	.6121	-.0112	-.0863	.0019	-.0006	.0034	.6070	.08006	7.582
.602	417.377	-.00	9.65	.6863	-.0206	-.0888	.0020	-.0003	.0020	.6802	.09473	7.180
.601	416.674	-.00	10.79	.7665	-.0298	-.0940	.0012	-.0002	.0026	.7588	.11420	6.644
.600	415.899	-.00	11.86	.8423	-.0384	-.0970	.0009	-.0003	.0024	.8325	.13551	6.143
.602	415.479	-.00	13.01	.9138	-.0458	-.0978	.0007	-.0005	.0031	.9010	.16118	5.590
.600	415.834	-.00	14.11	.9849	-.0493	-.0974	-.0002	-.0005	.0031	.9677	.19227	5.033
.600	415.549	-.00	15.28	1.0480	-.0521	-.0938	.0011	-.0008	.0035	1.0252	.22621	4.536
.599	414.526	-.00	16.35	1.0945	-.0526	-.0889	.0018	-.0007	.0028	1.0657	.25763	4.137
.603	415.387	-.00	17.38	1.1212	-.0518	-.0806	.0035	-.0007	.0018	1.0863	.28545	3.805
.601	416.067	-.00	18.40	1.1333	-.0501	-.0825	.0021	-.0016	.0030	1.0920	.31017	3.521
.600	414.819	-.00	19.43	1.1642	-.0483	-.0894	.0015	-.0002	.0016	1.1149	.34168	3.263
.602	417.495	-.00	20.47	1.2117	-.0461	-.0931	.0013	-.0002	.0017	1.1524	.38058	3.028
.602	417.252	-.00	21.45	1.2365	-.0432	-.0980	.0002	-.0002	.0019	1.1678	.41209	2.834
.603	418.621	-.00	22.46	1.2569	-.0365	-.1131	.0004	-.0008	.0026	1.1768	.44637	2.636
.603	418.387	-.00	23.41	1.2692	-.0319	-.1240	.0004	-.0012	.0024	1.1788	.47509	2.481
.602	417.497	-.00	24.36	1.3092	-.0309	-.1279	.0005	-.0007	.0022	1.2069	.51192	2.358

TEST 873						RUN 91						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.903	705.976	-.01	.01	.0387	.0363	-.0590	.0017	.0005	.0005	.0387	.03635	1.066
.901	704.997	-.01	-1.81	-.1034	.0394	-.0522	.0016	.0006	.0005	-.1022	.04265	-2.395
.903	705.977	-.01	.01	.0344	.0364	-.0586	.0017	.0005	.0007	.0344	.03636	.947
.903	705.839	-.01	2.19	.1906	.0311	-.0642	.0017	.0004	.0012	.1893	.03838	4.932
.904	705.648	-.01	4.51	.3821	.0223	-.0815	.0019	.0001	.0017	.3792	.05224	7.259
.905	707.694	-.00	6.83	.5768	.0137	-.1075	.0022	.0002	.0013	.5712	.08221	6.949
.905	707.993	-.00	9.15	.7388	.0028	-.1135	.0043	-.0001	.0022	.7292	.12029	6.062
.907	709.358	-.00	10.31	.8637	-.0004	-.1583	.0019	-.0001	.0018	.7910	.14345	5.514
.905	708.106	-.00	11.50	.8779	-.0035	-.1767	.0002	-.0002	.0024	.8613	.17165	5.018
.903	705.931	-.00	12.63	.9217	-.0060	-.0992	-.0002	-.0001	.0022	.9109	.19780	4.605
.906	708.523	-.00	13.77	.9773	-.0057	-.0978	.0002	-.0001	.0019	.9511	.22714	4.187
.903	709.856	-.00	14.86	1.0153	-.0060	-.0943	.0003	-.0001	.0022	.9840	.25477	3.862
.907	709.735	-.01	16.05	1.0604	-.0064	-.0970	.0012	.0004	.0010	1.0215	.28701	3.559
.909	712.635	-.01	17.11	1.1035	-.0054	-.1044	.0014	.0008	.0012	1.0571	.31960	3.307

TEST 873							RUN 92					
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.600	415.385	-.00	.03	.0237	.0320	-.0489	.0014	.0001	.0026	.0237	.03199	.741
.601	416.319	-.00	-1.58	-.0776	.0343	-.0460	.0014	.0003	.0025	-.0767	.03645	-2.104
.601	416.460	-.00	.04	.0254	.0321	-.0491	.0014	-.0001	.0032	.0258	.03211	.803
.601	416.366	-.00	2.07	.1470	.0274	-.0511	.0016	-.0003	.0032	.1459	.03273	4.460
.601	416.528	-.00	4.13	.2769	.0187	-.0530	.0016	-.0002	.0027	.2748	.03864	7.113
.602	416.706	-.00	6.29	.4200	.0059	-.0554	.0017	-.0004	.0028	.4169	.05184	8.043
.601	415.827	-.00	8.47	.5640	-.0105	-.0602	.0018	-.0005	.0033	.5595	.07269	7.697
.601	415.765	-.00	9.58	.6422	-.0203	-.0629	.0016	-.0001	.0023	.6367	.08686	7.331
.600	415.230	-.00	10.73	.7227	-.0295	-.0673	.0010	-.0002	.0026	.7159	.10563	6.777
.601	415.696	-.00	11.83	.7975	-.0379	-.0698	.0008	-.0002	.0030	.7886	.12643	6.237
.602	416.848	-.00	12.98	.8685	-.0450	-.0685	.0007	-.0003	.0031	.8568	.15130	5.663
.601	415.626	-.00	14.07	.9245	-.0483	-.0646	.0002	-.0005	.0033	.9090	.17780	5.112
.600	415.340	-.00	15.23	.9882	-.0508	-.0621	.0013	-.0008	.0039	.9673	.21249	4.596
.601	415.724	-.00	16.31	1.0351	-.0515	-.0559	.0021	-.0007	.0029	1.0085	.24128	4.180
.600	415.278	-.00	17.33	1.0444	-.0503	-.0527	.0039	-.0015	.0022	1.0126	.26308	3.849
.600	414.589	-.00	18.36	1.0611	-.0487	-.0553	.0025	-.0005	.0016	1.0232	.28794	3.554
.601	416.165	-.00	19.35	1.1007	-.0464	-.0613	.0020	-.0002	.0021	1.0547	.32091	3.287
.600	414.753	-.00	20.38	1.1421	-.0451	-.0644	.0017	-.0002	.0018	1.0873	.35553	3.058
.601	415.856	-.00	21.41	1.1953	-.0420	-.0713	.0006	-.0000	.0022	1.1199	.39365	2.845
.602	417.126	-.00	22.40	1.2618	-.0353	-.0859	.0013	-.0015	.0028	1.1258	.42511	2.648
.600	415.132	-.00	23.34	1.2211	-.0319	-.0948	.0008	-.0012	.0019	1.1351	.45443	2.498
.602	416.737	-.00	24.17	1.2481	-.0303	-.0983	.0005	-.0005	.0017	1.1525	.48337	2.384

TABLE II.- TABULATED RESULTS - Continued

TEST 873												RUN 93											
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D											
.905	707.396	-.00	.03	.0449	.0306	-.0604	.0003	-.0003	.0020	.0449	.03062	1.466											
.902	705.501	-.00	-1.68	-.0830	.0217	-.0527	.0004	-.0005	.0027	-.0820	.03415	-2.401											
.904	706.553	-.00	.06	.0453	.0306	-.0609	.0004	-.0003	.0020	.0453	.03062	1.478											
.903	706.378	-.00	2.28	.2073	.0263	-.0699	-.0005	-.0004	.0023	.2061	.03452	5.971											
.905	707.561	-.01	4.55	.3991	.0198	-.0920	.0000	.0001	.0020	.3964	.05146	7.702											
.905	707.555	-.01	6.83	.5627	.0143	-.1053	.0022	.0010	.0003	.5572	.08116	6.865											
.903	706.620	-.01	9.10	.6978	.0094	-.1219	.0069	.0019	-.0023	.6878	.11970	5.745											
.903	706.243	-.01	10.26	.7595	.0076	-.0979	.0102	.0020	-.0031	.7463	.14275	5.228											
.906	708.782	-.01	11.42	.8154	.0074	-.0958	.0128	.0017	-.0037	.7982	.16877	4.729											
.906	708.941	.00	12.51	.8695	.0079	-.0963	.0123	.0012	-.0045	.8476	.19611	4.322											
.905	707.821	.01	13.66	.9074	.0086	-.0947	.0137	.0003	-.0048	.8801	.22262	3.954											
.906	708.958	.01	14.74	.9609	.0100	-.1024	.0140	-.0000	-.0048	.9273	.25414	3.649											
.905	707.913	.01	15.96	1.0182	.0117	-.1102	.0142	-.0003	-.0043	.9764	.29108	3.355											
.911	712.247	.01	17.04	1.0796	.0134	-.1246	.0135	.0000	-.0035	1.0291	.32907	3.127											

TEST 873												RUN 94											
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D											
.600	414.943	-.00	.06	.0337	.0267	-.0512	.0003	-.0010	.0045	.0337	.02671	1.260											
.599	414.459	-.00	-1.55	-.0658	.0273	-.0480	.0006	-.0008	.0044	-.0650	.02905	-2.238											
.601	415.601	-.00	.10	.0344	.0268	-.0513	.0003	-.0010	.0037	.0344	.02687	1.280											
.601	415.928	-.00	2.11	.1563	.0230	-.0548	-.0005	-.0008	.0037	.1554	.02870	5.415											
.601	415.851	-.00	4.18	.2864	.0153	-.0580	-.0005	-.0008	.0035	.2845	.03612	7.878											
.601	416.120	-.00	6.34	.4276	.0036	-.0622	-.0008	.0001	.0019	.4246	.05086	8.350											
.600	415.183	-.01	8.50	.5712	-.0087	-.0671	-.0001	.0018	-.0017	.5663	.07586	7.466											
.600	414.903	-.01	9.61	.6411	-.0147	-.0680	.0007	.0028	-.0046	.6347	.09256	6.858											
.601	416.214	-.01	10.73	.7120	-.0187	-.0706	.0021	.0032	-.0059	.7033	.11418	6.159											
.601	416.462	-.01	11.81	.7786	-.0222	-.0711	.0038	.0034	-.0076	.7670	.13763	5.573											
.601	416.065	-.00	12.98	.8420	-.0258	-.0690	.0053	.0033	-.0083	.8266	.15407	5.038											
.601	416.017	.00	14.00	.8810	-.0248	-.0704	.0083	.0023	-.0094	.8612	.19194	4.554											
.601	415.658	.00	15.18	.9461	-.0255	-.0684	.0095	.0017	-.0092	.9202	.22306	4.125											
.601	416.208	.01	16.25	.9903	-.0254	-.0625	.0124	.0012	-.0084	.9585	.25275	3.792											
.600	415.185	.01	17.28	1.0254	-.0249	-.0588	.0131	.0009	-.0079	.9872	.28078	3.516											
.600	414.918	-.01	18.30	1.0378	-.0213	-.0624	.0106	.0030	-.0072	.9880	.30403	3.250											
.602	417.332	.01	19.33	1.0360	-.0142	-.0713	.0177	-.0004	-.0034	.9831	.32944	2.984											
.601	416.317	.02	20.26	1.0535	-.0110	-.0774	.0200	-.0029	-.0017	.9929	.35482	2.798											
.602	417.068	.03	21.29	1.0812	-.0078	-.0867	.0200	-.0044	-.0038	1.0112	.38528	2.625											
.600	415.564	.03	22.27	1.1135	-.0062	-.0933	.0185	-.0044	-.0056	1.0339	.41617	2.484											
.603	417.578	.03	23.24	1.1472	-.0051	-.1011	.0174	-.0047	-.0063	1.0573	.44799	2.360											
.602	417.335	.03	24.31	1.1886	-.0048	-.1111	.0159	-.0041	-.0074	1.0865	.48494	2.240											

TEST 873												RUN 95											
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D											
.904	707.402	-.01	.06	.0586	.0314	-.0782	.0027	.0035	.0005	.0585	.03145	1.861											
.903	706.822	-.01	-1.39	-.0614	.0334	-.0661	.0025	.0035	.0006	-.0605	.03491	-1.734											
.903	707.186	-.01	.07	.0592	.0311	-.0781	.0028	.0005	.0007	.0592	.03114	1.900											
.904	708.095	-.01	2.34	.2463	.0257	-.0943	.0034	.0036	.0006	.2451	.03572	6.862											
.903	707.047	-.01	4.59	.4213	.0184	-.1097	.0033	.0003	.0018	.4185	.05206	8.040											
.905	708.582	-.00	6.91	.6097	.0128	-.1324	.0033	.0000	.0018	.6038	.08605	7.017											
.906	709.401	-.00	9.21	.7701	.0089	-.1431	.0026	-.0000	.0017	.7590	.13208	5.747											
.906	709.554	-.01	10.34	.8177	.0089	-.1316	.0028	.0002	.0014	.8032	.15544	5.167											
.906	709.252	-.00	11.47	.8487	.0100	-.1161	.0024	.0003	.0009	.8301	.17860	4.648											
.907	709.932	-.01	12.54	.8829	.0124	-.1158	.0066	.0010	.0003	.8596	.20391	4.216											
.908	711.191	-.02	13.66	.9370	.0131	-.1321	.0056	.0016	.0004	.9080	.23402	3.880											
.907	710.581	-.01	14.74	.9956	.0137	-.1472	.0034	.0006	.0004	.9600	.26666	3.600											
.906	709.753	-.01	15.92	1.0522	.0150	-.1545	.0031	.0009	-.0004	1.0085	.30299	3.329											

TEST 873												RUN 96												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D												
.601	416.711	-.00	.09	.0520	.0253	-.0639	.0025	.0002	.0020	.0520	.02543	2.044												
.601	416.481	-.01	-1.45	-.0543	.0267	-.0578	.0024	.0004	.0022	-.0536	.02808	-1.910												
.601	416.961	-.00	.08	.0453	.0256	-.0634	.0026	.0001	.0022	.0453	.02564	1.766												
.602	417.361	-.00	2.10	.1756	.0206	-.0679	.0030	.0002	.0018	.1748	.02699	6.475												
.602	418.109	-.00	4.20	.3086	.0123	-.0717	.0031	.0004	.0007	.3069	.03482	8.813												
.601	417.046	-.00	6.34	.4483	-.0010	-.0730	.0037	-.0002	.0022	.4457	.04849	9.193												
.600	415.959	-.00	8.53	.5901	-.0116	-.0749	.0033	.0001	.0015	.5854	.07603	7.699												
.601	416.849	-.00	9.63	.6656	-.0157	-.0773	.0024	-.0000	.0014	.6590	.09586	6.875												
.602	417.432	-.00	10.73	.7355	-.0174	-.0801	.0029	.0004	.0003	.7261	.11987	6.058												
.602	417.285	-.01	11.80	.7895	-.0175	-.0826	.0008	.0008	.0006	.7767	.14436	5.380												
.602	417.407	-.01	12.93	.8407	-.0167	-.0853	-.0001	.0009	.0021	.8235	.17187	4.791												
.602	417.366	-.00	13.97	.8786	-.0150	-.0889	.0038	.0005	.0004	.8566	.19748	4.338												
.602	417.850	-.00	15.15	.9429	-.0140	-.0964	.0033	.0002	.0002	.9143	.23303	3.924												
.601	417.076	-.00	16.20	.9875	-.0125	-.0997	.0033	.0003	.0006	.9524	.26348	3.615												
.601	417.066	-.00	17.24	1.0272	-.0103	-.1035	.0029	.0005	-.0001	.9848	.29462	3.343												
.603	418.730	-.00	18.29	1.0586	-.0064	-.1048	.0035	.0010	-.0012	1.0079	.32613	3.090												
.602	417.973	-.01	19.30	1.0518	-.0008	-.0978	.0065	.0016	-.0017	.9939	.34687	2.865												
.600	415.955	-.00	20.23	1.0220	.0077	-.0976	.0010	.0018	-.0012	.9572	.36067	2.654												
.603	418.271	-.00	21.21	1.0421	.0107	-.1073	.0028	.0006	-.0004	.9686	.38699	2.503												
.603	418.935	-.00	22.22	1.0836	.0115	-.1161	.0029	.0003	-.0001	.9998	.42048	2.378												
.603	418.944	-.00	23.24	1.1302	.0112	-.1241	.0030	.0002	-.0002	1.0352	.45622	2.269												
.602	417.946	-.00	24.23	1.1688	.0106	-.1328	.0027	.0003	-.0004	1.0628	.48926	2.175												

TABLE II.- TABULATED RESULTS - Continued

TEST 873												RUN 97	
MACH	Q	BETA	ALPHA	CN	CA	CM	CRCLL	CYAW	CSIDE	CL	CD	L/D	
.903	707.185	-.01	.03	.0607	.0360	-.0738	.0029	.0007	-.0001	.0607	.03603	1.684	
.902	706.389	-.00	-1.72	-.0762	.0380	-.0640	.0023	.0005	.0004	-.0750	.04026	-1.863	
.905	708.792	-.01	.07	.0591	.0360	-.0743	.0028	.0004	.0003	.0590	.03606	1.637	
.903	706.839	-.00	2.29	.2337	.0311	-.0855	.0033	.0005	.0000	.2323	.04045	5.743	
.904	708.089	-.00	4.58	.4247	.0242	-.1077	.0032	.0032	.0002	.4215	.05804	7.262	
.905	708.503	-.00	6.92	.6078	.0171	-.1292	.0029	.0031	.0003	.6014	.09013	6.673	
.905	709.201	-.00	9.21	.7818	.0096	-.1444	.0031	-.0000	.0002	.7705	.13457	5.725	
.906	709.654	-.00	10.35	.8440	.0064	-.1381	.0048	-.0000	.0001	.8295	.15788	5.254	
.906	709.258	-.00	11.51	.8951	.0037	-.1267	.0024	-.0001	-.0000	.8767	.18224	4.811	
.908	710.897	-.00	12.65	.9445	.0024	-.1201	.0024	.0030	-.0002	.9216	.20915	4.406	
.907	710.127	-.00	13.80	.9840	.0003	-.1122	.0032	-.0000	-.0006	.9561	.23494	4.069	
.907	710.552	-.00	14.89	1.0382	.0004	-.1180	.0034	.0032	-.0014	1.0039	.26716	3.758	
.908	711.229	-.00	16.09	1.0857	.0003	-.1231	.0031	.0036	-.0018	1.0439	.30113	3.466	
.905	709.170	-.00	17.15	1.1224	-.0004	-.1245	.0031	.0010	-.0024	1.0735	.33053	3.248	
TEST 873												RUN 98	
MACH	Q	BETA	ALPHA	CN	CA	CM	CRCLL	CYAW	CSIDE	CL	CD	L/D	
.600	416.013	-.00	.07	.0508	.0299	-.0635	.0026	.0033	.0012	.0508	.02998	1.694	
.600	415.207	-.00	-1.56	-.0514	.0318	-.0598	.0022	.0030	.0026	-.0505	.03316	-1.523	
.600	415.845	-.00	.09	.0499	.0299	-.0632	.0025	.0033	.0011	.0499	.02993	1.665	
.601	416.831	-.00	2.11	.1754	.0255	-.0672	.0026	.0034	.0005	.1744	.03195	5.457	
.600	415.756	-.00	4.20	.3129	.0166	-.0701	.0032	-.0002	.0008	.3109	.03948	7.874	
.600	415.271	-.00	6.35	.4542	.0034	-.0716	.0037	-.0032	.0002	.4511	.05360	8.415	
.600	415.634	-.00	8.54	.6003	-.0132	-.0738	.0039	.0030	.0002	.5957	.07611	7.826	
.603	416.385	-.00	9.63	.6698	-.0210	-.0744	.0037	.0034	-.0007	.6640	.09139	7.266	
.600	415.798	-.00	10.76	.7407	-.0297	-.0733	.0040	.0033	-.0006	.7334	.10913	6.720	
.600	415.867	-.00	11.87	.8083	-.0359	-.0720	.0044	.0034	-.0016	.7986	.13111	6.091	
.601	417.115	-.00	13.01	.8764	-.0405	-.0701	.0042	.0036	-.0015	.8634	.15789	5.468	
.601	416.397	-.00	14.08	.9318	-.0425	-.0673	.0051	.0038	-.0013	.9146	.18550	4.930	
.603	418.942	-.00	15.29	1.0075	-.0438	-.0651	.0036	.0033	-.0009	.9839	.22344	4.404	
.601	416.692	-.00	16.36	1.0519	-.0425	-.0634	.0032	-.0033	-.0017	1.0219	.25558	3.998	
.601	416.655	-.00	17.34	1.0563	-.0412	-.0571	.0066	-.0033	-.0027	1.0210	.27530	3.709	
.601	417.142	-.00	18.37	1.0664	-.0378	-.0647	.0038	.0037	-.0027	1.0248	.30026	3.413	
.601	416.811	-.00	19.40	1.1029	-.0349	-.0701	.0028	.0038	-.0025	1.0527	.33340	3.157	
.603	418.391	-.00	20.39	1.1268	-.0312	-.0757	.0018	.0010	-.0028	1.0680	.36328	2.940	
.602	417.808	-.00	21.36	1.1381	-.0266	-.0842	.0018	.0005	-.0022	1.0706	.38984	2.746	
.602	417.325	-.00	22.36	1.1691	-.0232	-.0920	.0022	.0030	-.0026	1.0912	.42332	2.578	
.601	417.167	-.00	23.36	1.2020	-.0219	-.1004	.0020	-.0000	-.0024	1.1135	.45641	2.440	
.603	418.389	-.00	24.13	1.2293	-.0213	-.1074	.0020	.0001	-.0030	1.1319	.48309	2.343	
TEST 873												RUN 99	
MACH	Q	BETA	ALPHA	CN	CA	CM	CRCLL	CYAW	CSIDE	CL	CD	L/D	
.912	714.696	-.38	20.54	1.3160	.0021	-.1640	-.0005	.0007	-.0001	1.2330	.46365	2.659	
.913	715.237	-6.85	20.41	1.3158	.0035	-.1682	.0296	-.0017	.0657	1.2333	.46219	2.668	
.912	714.815	-4.66	20.47	1.3062	.0022	-.1606	.0155	.0020	.0386	1.2243	.45886	2.668	
.912	714.694	-2.56	20.53	1.3311	.0023	-.1704	.0082	.0013	.0201	1.2472	.46912	2.658	
.913	715.767	-.43	20.56	1.3345	.0023	-.1714	-.0005	.0007	.0020	1.2502	.47077	2.656	
.913	714.994	1.72	20.54	1.3259	.0019	-.1676	-.0085	.0005	-.0188	1.2423	.46699	2.660	
.912	714.567	3.88	20.49	1.3097	.0017	-.1641	-.0171	.0011	-.0407	1.2277	.46005	2.669	
.912	714.632	5.98	20.45	1.3232	.0021	-.1723	-.0263	.0036	-.0683	1.2405	.46416	2.673	
.913	715.310	8.07	20.35	1.3167	.0034	-.1767	-.0379	.0088	-.0980	1.2348	.46112	2.678	
.914	716.324	10.19	20.23	1.3063	.0031	-.1805	-.0453	.0149	-.1315	1.2260	.45463	2.697	
.914	715.830	12.28	20.07	1.2785	.0006	-.1770	-.0485	.0192	-.1620	1.2019	.43934	2.736	
.913	715.368	13.29	19.99	1.2715	.0003	-.1784	-.0523	.0214	-.1784	1.1961	.43492	2.750	
TEST 873												RUN 100	
MACH	Q	BETA	ALPHA	CN	CA	CM	CRCLL	CYAW	CSIDE	CL	CD	L/D	
.799	617.443	-.40	20.09	1.1295	-.0114	-.0940	-.0012	.0008	-.0029	1.0656	.37732	2.824	
.800	618.128	-6.81	19.97	1.1206	-.0119	-.0930	.0216	-.0027	.0561	1.0583	.37149	2.849	
.800	618.019	-4.65	20.03	1.1236	-.0119	-.0920	.0144	-.0000	.0322	1.0607	.37376	2.838	
.802	617.789	-2.52	20.67	1.1251	-.0117	-.0941	.0064	.0006	.0144	1.0617	.37511	2.830	
.800	618.167	-.43	20.10	1.1313	-.0112	-.0945	-.0010	.0007	-.0013	1.0673	.37819	2.822	
.801	618.612	1.70	20.10	1.1317	-.0111	-.0921	-.0086	.0009	-.0184	1.0676	.37842	2.821	
.801	618.544	3.83	20.05	1.1211	-.0107	-.0908	-.0147	.0016	-.0361	1.0577	.37434	2.826	
.801	618.650	5.93	19.99	1.1178	-.0109	-.0934	-.0218	.0043	-.0587	1.0551	.37192	2.837	
.801	619.151	8.02	19.93	1.1220	-.0123	-.0949	-.0289	.0095	-.0863	1.0600	.37083	2.859	
.801	619.386	10.09	19.83	1.1233	-.0138	-.0997	-.0358	.0148	-.1169	1.0624	.36808	2.886	
.801	619.581	12.21	19.70	1.1252	-.0145	-.1086	-.0428	.0194	-.1484	1.0652	.36557	2.914	
.801	619.192	13.21	19.62	1.1168	-.0153	-.1107	-.0460	.0219	-.1637	1.0581	.36051	2.935	
TEST 873												RUN 101	
MACH	Q	BETA	ALPHA	CN	CA	CM	CRCLL	CYAW	CSIDE	CL	CD	L/D	
.601	417.012	-.39	19.60	1.1081	-.0349	-.0684	-.0029	.0007	-.0036	1.0565	.33885	3.118	
.601	416.704	-6.74	19.48	1.1067	-.0354	-.0723	.0189	-.0025	.0564	1.0560	.33564	3.146	
.602	417.438	-4.61	19.53	1.1015	-.0341	-.0701	.0126	-.0001	.0329	1.0503	.33621	3.124	
.602	417.678	-2.52	19.58	1.1079	-.0348	-.0690	.0044	.0014	.0129	1.0563	.33853	3.120	
.602	417.429	-.42	19.60	1.1093	-.0350	-.0686	-.0026	.0037	-.0022	1.0576	.33916	3.118	
.602	418.016	1.70	19.59	1.1061	-.0340	-.0712	-.0102	.0033	-.0196	1.0544	.33877	3.112	
.601	416.941	3.84	19.55	1.1051	-.0345	-.0747	-.0176	.0009	-.0389	1.0538	.33735	3.124	
.602	417.628	5.97	19.49	1.1032	-.0351	-.0789	-.0249	.0034	-.0615	1.0525	.33508	3.141	
.601	417.408	8.06	19.42	1.1074	-.0358	-.0865	-.0318	.0084	-.0891	1.0572	.33435	3.162	
.600	416.283	10.09	19.31	1.1101	-.0367	-.0976	-.0388	.0139	-.1181	1.0607	.33246	3.190	
.602	418.254	12.14	19.19	1.1140	-.0372	-.1090	-.0510	.0195	-.1492	1.0652	.33105	3.218	
.601	417.201	13.18	19.11	1.1024	-.0371	-.1069	-.0447	.0232	-.1662	1.0546	.32585	3.237	

TABLE II.- TABULATED RESULTS - Continued

TEST 873						RUN 102						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.912	714.451	-3.36	20.38	1.2531	.0294	-1.1766	-.0008	.0017	-.0040	1.1657	.46402	2.512
.913	714.656	-6.80	20.27	1.2619	.0283	-1.1850	.0149	.0018	.0593	1.1753	.46367	2.535
.914	715.566	-4.65	20.35	1.2740	.0289	-1.1853	.0110	.0032	.0342	1.1858	.47020	2.522
.914	715.794	-2.53	20.39	1.2685	.0295	-1.1821	.0094	.0001	.0178	1.1802	.46951	2.514
.914	715.784	-.41	20.41	1.2751	.0290	-1.1826	-.0006	.0015	-.0025	1.1863	.47190	2.514
.913	715.310	1.72	20.41	1.2792	.0289	-1.1853	-.0089	.0021	-.0225	1.1902	.47316	2.515
.913	714.818	3.88	20.35	1.2669	.0292	-1.1871	-.0151	.0029	-.0441	1.1790	.46794	2.520
.913	715.243	6.00	20.32	1.2837	.0274	-1.1922	-.0154	.0024	-.0679	1.1957	.47154	2.536
.913	715.150	8.12	20.23	1.2741	.0264	-1.1941	-.0205	.0065	-.0967	1.1877	.46527	2.553
.915	716.413	10.21	20.11	1.2723	.0254	-1.2043	-.0260	.0127	-.1297	1.1873	.46130	2.574
.913	715.350	12.28	19.94	1.2471	.0242	-1.2067	-.0304	.0170	-.1597	1.1653	.44804	2.601
.914	715.525	13.31	19.85	1.2395	.0238	-1.2098	-.0337	.0181	-.1735	1.1590	.44330	2.615

TEST 873						RUN 103						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.801 618.668		-3.36	19.88	1.0176	.0234	-1.1080	-.0012	.0018	-.0041	.9498	.36798	2.581
.801 618.532		-6.76	19.73	1.0040	.0224	-1.1105	.0018	.0006	.0477	.9383	.36603	2.606
.801 618.586		-4.64	19.81	1.0088	.0229	-1.1066	.0075	.0028	.0269	.9422	.36340	2.593
.800 617.930		-2.53	19.85	1.0123	.0231	-1.1063	.0027	.0035	.0102	.9451	.36548	2.586
.801 618.310		-.41	19.88	1.0190	.0234	-1.1079	-.0010	.0018	-.0034	.9512	.36846	2.581
.801 618.744		1.71	19.87	1.0193	.0229	-1.1083	-.0047	.0001	-.0166	.9517	.36807	2.586
.800 617.712		3.85	19.83	1.0098	.0221	-1.1078	-.0086	-.0000	-.0329	.9433	.36326	2.597
.802 619.205		6.00	19.78	1.0165	.0214	-1.1116	-.0132	.0022	-.0555	.9502	.36412	2.609
.801 618.891		8.06	19.70	1.0212	.0196	-1.1199	-.0177	.0060	-.0799	.9556	.36271	2.635
.801 618.968		10.15	19.60	1.0280	.0176	-1.1291	-.0220	.0099	-.1064	.9634	.36145	2.665
.800 617.763		12.23	19.47	1.0312	.0162	-1.1396	-.0264	.0130	-.1332	.9677	.35900	2.696
.801 618.798		13.23	19.39	1.0208	.0154	-1.1418	-.0284	.0145	-.1458	.9587	.35338	2.713

TEST 873						RUN 104						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.600	415.252	-3.38	19.43	.9882	.0086	-.0813	-.0017	.0020	-.0054	.9295	.33687	2.760
.600	415.700	-6.73	19.32	1.0012	.0280	-.0936	.0075	-.0010	.0507	.9430	.33874	2.784
.602	417.677	-4.58	19.38	.9895	.0094	-.0861	.0062	.0012	.0275	.9311	.33712	2.762
.603	418.167	-2.51	19.42	.9912	.0088	-.0832	.0013	.0031	.0096	.9327	.33793	2.760
.602	417.254	-.38	19.44	.9929	.0089	-.0822	-.0018	.0021	-.0055	.9341	.33884	2.757
.601	416.843	1.71	19.43	.9947	.0088	-.0842	-.0041	.0006	-.0194	.9359	.33926	2.759
.602	417.352	3.84	19.46	.9993	.0084	-.0882	-.0076	.0016	-.0375	.9405	.33993	2.767
.602	417.287	6.00	19.37	1.0158	.0055	-.0936	-.0080	.0027	-.0603	.9573	.34204	2.799
.602	417.480	8.04	19.30	1.0250	.0028	-.0994	-.0091	.0057	-.0855	.9673	.34140	2.833
.602	417.840	10.14	19.20	1.0365	-.0001	-.1095	-.0110	.0087	-.1094	.9797	.34088	2.874
.602	417.634	12.17	19.08	1.0423	-.0015	-.1226	-.0141	.0129	-.1371	.9863	.33934	2.907
.602	417.993	13.17	19.01	1.0438	-.0021	-.1292	-.0154	.0144	-.1504	.9883	.33808	2.923

TEST 873						RUN 105						
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.899	703.898	-4.65	26.90	1.6630	.0299	-1.2746	.0022	.0014	.0005	1.4724	.77910	1.890
.872	681.534	-6.98	26.43	1.4650	.0280	-1.2204	.0245	.0023	.0447	1.3516	.67703	1.923
.875	684.258	-6.84	26.53	1.4691	.0285	-1.2156	.0206	.0022	.0245	1.3038	.68176	1.912
.872	681.970	-2.67	26.58	1.4675	.0293	-1.2143	.0095	.0032	.0084	1.3016	.68276	1.906
.874	683.265	-.49	26.63	1.4871	.0297	-1.2175	.0014	.0017	-.0032	1.3182	.69316	1.902
.870	679.781	1.72	26.57	1.4524	.0291	-1.2106	-.0062	-.0000	-.0141	1.2882	.67554	1.907
.872	679.913	3.92	26.53	1.4621	.0287	-1.2166	-.0150	.0030	-.0292	1.2975	.67882	1.911
.869	678.847	6.18	26.46	1.4683	.0279	-1.2235	-.0158	.0066	-.0488	1.3043	.67914	1.920
.870	679.897	8.43	26.33	1.4569	.0273	-1.2276	-.0228	.0023	-.0614	1.2958	.67068	1.932
.870	679.660	10.71	26.17	1.4478	.0263	-1.2313	-.0288	.0073	-.0690	1.2898	.66217	1.948
.870	679.880	12.93	25.99	1.4366	.0254	-1.2326	-.0356	.0104	-.0841	1.2822	.65233	1.966
.873	682.608	14.04	25.89	1.4309	.0250	-1.2334	-.0396	.0133	-.0966	1.2784	.64728	1.975

TEST 873							RUN 106					
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.803 620.512	-4.48	26.28	1.3327	.0225	-1.1690	.0010	.0011	-.0036	1.1868	.61028	1.945	
.802 619.434	-7.07	26.08	1.3157	.0229	-1.1732	.0157	.0111	.0293	1.1734	.59906	1.959	
.804 621.212	-4.88	26.18	1.3206	.0227	-1.1706	.0124	.0071	.0197	1.1768	.60308	1.951	
.803 620.620	-2.69	26.24	1.3218	.0223	-1.1676	.0078	.0044	.0062	1.1775	.60448	1.948	
.805 622.546	-.50	26.30	1.3456	.0229	-1.1718	.0011	.0010	-.0023	1.1980	.61683	1.942	
.804 621.173	1.70	26.27	1.3295	.0227	-1.1707	-.0053	-.0024	-.0110	1.1840	.60877	1.945	
.803 620.169	3.92	26.23	1.3341	.0226	-1.1733	-.0104	-.0048	-.0245	1.1885	.60689	1.949	
.803 620.589	6.18	26.14	1.3269	.0224	-1.1759	-.0147	-.0074	-.0355	1.1831	.60483	1.956	
.804 621.543	8.41	26.04	1.3297	.0224	-1.1817	-.0190	-.0117	-.0410	1.1867	.60383	1.965	
.805 622.168	10.67	25.89	1.3248	.0220	-1.1865	-.0243	-.0165	-.0468	1.1840	.59821	1.979	
.804 621.344	12.93	25.69	1.3037	.0208	-1.1842	-.0297	-.0205	-.0565	1.1675	.58397	1.999	
.803 620.492	14.00	25.58	1.2897	.0204	-1.1823	-.0325	-.0219	-.0630	1.1561	.57527	2.010	

TEST 873					RUN 107							
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.602 417.875	-4.48	25.63	1.2165	.0129	-1.1330	.0007	.0006	-.0026	1.0927	.53777	2.032	
.602 417.375	-7.00	25.46	1.2132	.0138	-1.1410	.0076	.0153	.0224	1.0909	.53392	2.043	
.602 417.047	-4.80	25.54	1.2178	.0134	-1.1386	.0068	.0093	.0154	1.0944	.53723	2.037	
.604 419.379	-2.67	25.61	1.2171	.0131	-1.1347	.0044	.0053	.0056	1.0933	.53780	2.033	
.603 418.876	-.48	25.63	1.2163	.0128	-1.1329	.0009	.0004	-.0026	1.0925	.53768	2.032	
.602 417.556	1.73	25.62	1.2211	.0130	-1.1347	-.0024	-.0046	-.0102	1.0968	.53976	2.032	
.602 417.225	3.94	25.58	1.2188	.0135	-1.1387	-.0050	-.0098	-.0199	1.0950	.53838	2.034	
.602 417.650	6.18	25.51	1.2231	.0137	-1.1423	-.0071	-.0133	-.0270	1.0994	.53955	2.040	
.603 419.054	8.43	25.39	1.2131	.0144	-1.1472	-.0085	-.0195	-.0310	1.0912	.53315	2.047	
.603 418.373	10.66	25.24	1.2100	.0142	-1.1549	-.0101	-.0259	-.0386	1.0898	.52886	2.061	
.602 417.937	12.89	25.06	1.2012	.0130	-1.1611	-.0114	-.0319	-.0470	1.0840	.52662	2.082	
.602 418.111	13.99	24.97	1.2028	.0130	-1.1647	-.0129	-.0335	-.0550	1.0863	.51951	2.091	



TABLE II.- TABULATED RESULTS - Continued

TEST 873												
RUN 108												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.993	713.202	-3.35	26.41	1.6121	.0047	-.2311	.0007	.0018	.0007	1.4381	.73369	1.960
.858	681.292	-6.97	25.52	1.4746	.0029	-.1898	.0263	.0011	.0472	1.3204	.66095	1.598
.871	684.519	-4.75	26.64	1.4928	.0044	-.1920	.0196	.0019	.0284	1.3346	.67325	1.982
.873	686.647	-2.63	26.71	1.5085	.0055	-.1565	.0117	.0025	.0099	1.3473	.68299	1.973
.876	689.509	-1.44	25.77	1.5243	.0047	-.1995	.0038	.0009	-.0033	1.3611	.69067	1.971
.875	689.918	1.78	24.75	1.5228	.0063	-.1998	-.6074	-.0017	-.0115	1.3602	.68928	1.973
.877	690.445	3.93	24.72	1.5246	.0034	-.2027	-.0165	-.0004	-.0294	1.3626	.68851	1.979
.875	688.590	6.19	26.62	1.5100	.0027	-.2024	-.0243	.0012	-.0494	1.3510	.67886	1.990
.876	689.544	3.45	25.52	1.5255	.0018	-.2138	-.0327	.0026	-.0711	1.3465	.68281	2.001
.877	689.755	10.72	26.37	1.5206	.0006	-.2177	-.0432	.0022	-.0891	1.3644	.67593	2.019
.875	688.281	12.97	25.17	1.4990	-.0010	-.2127	-.0531	.0008	-.1055	1.3480	.66022	2.042
.874	687.927	14.34	26.07	1.4873	-.0013	-.2100	-.0568	.0000	-.1147	1.3387	.65230	2.052

TEST 873												
RUN 109												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.904	625.467	-1.45	26.43	1.3752	-.0021	-.1443	.0012	-.0003	-.0013	1.2379	.61194	2.023
.905	625.811	-7.04	26.27	1.3871	-.0024	-.1540	.0224	.0047	.0394	1.2469	.61169	2.038
.904	625.435	-4.32	26.34	1.3834	-.0016	-.1528	.0166	.0026	.0260	1.2423	.61245	2.028
.934	625.641	-2.55	26.40	1.3810	-.0017	-.1498	.0095	.0017	.0130	1.2396	.61252	2.024
.905	625.753	-1.45	26.43	1.3783	-.0024	-.1437	.0009	-.0004	.0008	1.2371	.61134	2.024
.904	625.364	1.75	26.42	1.3860	-.0024	-.1442	-.0066	-.0022	-.0122	1.2441	.61463	2.024
.904	625.147	3.95	26.38	1.3979	-.0031	-.1517	-.0130	-.0035	-.0271	1.2466	.61395	2.030
.905	625.737	6.23	26.31	1.3886	-.0038	-.1556	-.0183	-.0049	-.0409	1.2494	.61203	2.040
.905	627.370	8.44	25.21	1.3558	-.0030	-.1631	-.0266	-.0059	-.0512	1.2555	.61376	2.046
.904	625.662	10.67	26.05	1.3845	-.0029	-.1655	-.0332	-.0105	-.0576	1.2493	.61043	2.063
.904	625.662	12.93	25.86	1.3676	-.0051	-.1652	-.0431	-.0140	-.0694	1.2348	.59184	2.086
.905	625.790	14.32	25.75	1.3578	-.0054	-.1635	-.0428	-.0162	-.0763	1.2271	.58506	2.097

TEST 873												
RUN 110												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.903	621.035	-1.45	25.77	1.3027	-.0013	-.1134	-.0001	-.0000	-.0030	1.1840	.54717	2.164
.901	619.383	-6.99	25.60	1.3059	-.0020	-.1237	.0187	.0077	.0258	1.1981	.54587	2.176
.901	619.290	-4.75	25.68	1.3021	-.0024	-.1191	.0129	.0044	.0193	1.1839	.54593	2.169
.903	620.791	-2.51	25.74	1.2997	-.0028	-.1141	.0067	.0025	.0076	1.1914	.54573	2.165
.904	622.523	-1.47	25.78	1.3047	-.0013	-.1134	-.0030	-.0000	-.0026	1.1858	.54818	2.163
.905	622.873	1.74	25.76	1.3021	-.0010	-.1170	-.0076	-.0021	-.0113	1.1834	.54707	2.163
.904	622.442	3.95	25.71	1.2990	-.0022	-.1223	-.0146	-.0037	-.0224	1.1807	.54537	2.165
.903	621.228	6.19	25.64	1.3048	-.0028	-.1276	-.0211	-.0059	-.0338	1.1865	.54672	2.170
.903	621.736	8.39	25.54	1.3070	-.0029	-.1315	-.0255	-.0088	-.0427	1.1895	.54545	2.181
.905	622.903	10.64	25.39	1.3004	-.0018	-.1381	-.0283	-.0129	-.0526	1.1845	.54057	2.191
.903	621.356	12.35	25.20	1.2923	-.0019	-.1447	-.0347	-.0159	-.0619	1.1792	.53254	2.214
.904	621.963	13.93	25.10	1.2858	-.0020	-.1475	-.0386	-.0166	-.0678	1.1740	.52831	2.222

TEST 873												
RUN 111												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.904	711.060	-1.23	.41	.0874	.0339	-.0556	.0008	.0011	-.0031	.0871	.03448	2.527
.902	709.655	-6.28	.41	.0874	.0319	-.0566	.0057	-.0146	.0802	.0872	.03250	2.683
.904	711.130	-4.25	.41	.0867	.0327	-.0560	.0037	-.0079	.0494	.0865	.03327	2.599
.903	710.390	-2.25	.41	.0864	.0333	-.0556	.0022	-.0028	.0217	.0862	.03392	2.540
.904	711.122	-1.25	.41	.0860	.0335	-.0550	.0008	.0011	-.0028	.0857	.03416	2.510
.904	711.299	1.79	.41	.0857	.0335	-.0555	-.0006	.0050	-.0278	.0855	.03409	2.507
.905	711.759	3.78	.40	.0869	.0331	-.0576	-.0022	.0098	-.0544	.0867	.03375	2.568
.901	708.977	5.81	.40	.0877	.0321	-.0584	-.0044	.0165	-.0853	.0874	.03274	2.671
.906	712.723	7.81	.40	.0895	.0316	-.0597	-.0064	.0237	-.1181	.0893	.03223	2.771
.904	711.441	9.81	.40	.0850	.0306	-.0583	-.0077	.0298	-.1500	.0848	.03119	2.720
.905	711.852	11.80	.39	.0822	.0302	-.0582	-.0082	.0352	-.1821	.0820	.03073	2.670
.903	710.632	12.75	.39	.0811	.0298	-.0599	-.0081	.0373	-.1970	.0809	.03032	2.667

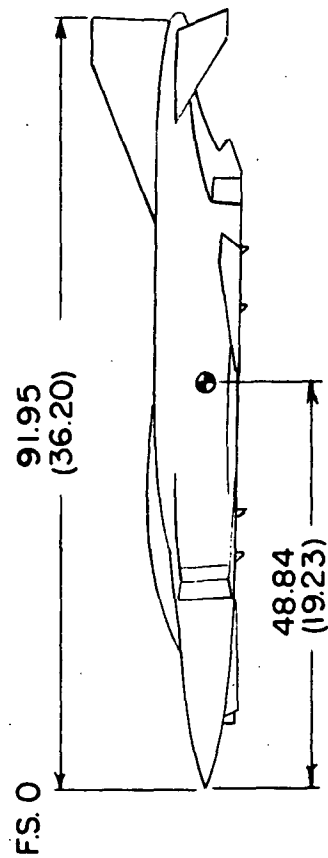
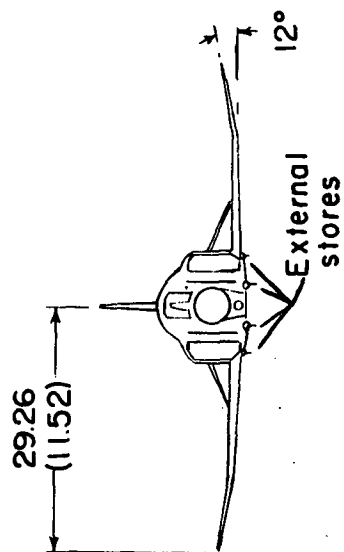
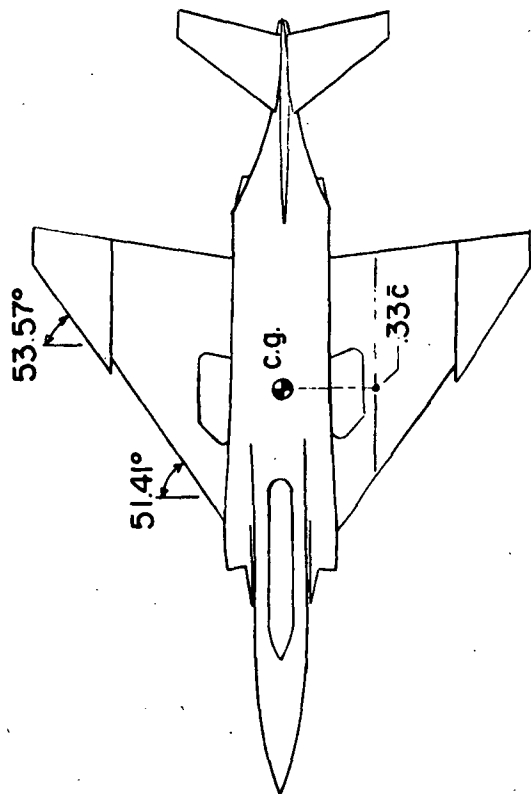
TEST 873												
RUN 112												
MACH	Q	BETA	ALPHA	CN	CA	CM	CROLL	CYAW	CSIDE	CL	CD	L/D
.796	616.883	-1.27	.40	.0875	.0311	-.0502	.0007	.0009	-.0033	.0772	.03169	2.438
.798	619.275	-6.30	.40	.0807	.0294	-.0528	.0052	-.0143	.0787	.0798	.02999	2.660
.796	617.530	-4.31	.40	.0795	.0303	-.0519	.0034	-.0077	.0490	.0793	.03084	2.571
.796	617.721	-2.33	.41	.0801	.0309	-.0510	.0018	-.0029	.0226	.0799	.03148	2.538
.796	617.362	-1.31	.40	.0774	.0312	-.0501	.0006	.0009	-.0020	.0772	.03173	2.433
.793	615.253	1.69	.40	.0793	.0308	-.0512	-.0005	.0044	-.0264	.0791	.03138	2.521
.796	617.853	3.70	.40	.0826	.0304	-.0534	-.0020	.0095	-.0534	.0824	.03101	2.656
.798	619.692	5.71	.40	.0827	.0296	-.0549	-.0040	.0160	-.0836	.0825	.03017	2.733
.799	620.993	7.73	.40	.0840	.0288	-.0562	-.0058	.0229	-.1159	.0838	.02938	2.852
.797	618.630	9.75	.40	.0819	.0273	-.0547	-.0071	.0289	-.1465	.0817	.02787	2.931
.796	618.144	11.71	.39	.0797	.0263	-.0556	-.0079	.0348	-.1769	.0796	.02687	2.961
.796	618.152	12.70	.39	.0805	.0261	-.0574	-.0081	.0377	-.1934	.0803	.02665	3.015

TABLE II.- TABULATED RESULTS - Concluded

TEST 873												RUN 113	
MACH	Q	BETA	ALPHA	CN	CA	CM	CRDLL	CYAW	CSIDE	CL	CD	L/D	
.599	416.831	-2.28	.40	.0709	.0296	-.0463	.0004	.0004	-.0005	.0707	.03008	2.349	
.602	420.342	-6.29	.40	.0755	.0276	-.0493	.0047	-.0136	.0774	.0753	.02810	2.681	
.601	418.829	-4.29	.40	.0733	.0286	-.0474	.0030	-.0075	.0485	.0731	.02906	2.516	
.600	417.906	-2.30	.40	.0715	.0293	-.0461	.0016	-.0031	.0232	.0713	.02980	2.393	
.599	416.415	-2.29	.40	.0735	.0296	-.0461	.0004	.0003	-.0003	.0733	.03011	2.434	
.600	418.158	1.70	.40	.0734	.0295	-.0471	-.0006	.0040	-.0248	.0732	.02997	2.444	
.601	419.080	3.70	.40	.0745	.0288	-.0482	-.0019	.0093	-.0520	.0743	.02934	2.534	
.600	418.194	5.73	.40	.0763	.0278	-.0498	-.0035	.0153	-.0812	.0762	.02834	2.687	
.600	417.567	7.72	.39	.0781	.0267	-.0520	-.0054	.0216	-.1114	.0780	.02720	2.867	
.600	418.028	9.71	.40	.0806	.0251	-.0517	-.0065	.0276	-.1414	.0805	.02570	3.131	
.600	417.760	11.69	.40	.0824	.0241	-.0547	-.0076	.0331	-.1713	.0822	.02466	3.333	
.600	417.546	12.65	.40	.0835	.0235	-.0561	-.0079	.0358	-.1866	.0834	.02407	3.464	

TEST 873												RUN 114	
MACH	Q	BETA	ALPHA	CN	CA	CM	CRDLL	CYAW	CSIDE	CL	CD	L/D	
.906	713.385	-2.24	.41	.0889	.0268	-.0553	.0002	.0009	-.0028	.0887	.02739	3.239	
.905	712.174	1.79	.41	.0885	.0261	-.0549	-.0013	.0045	-.0271	.0883	.02674	3.304	
.905	712.266	3.88	.41	.0912	.0258	-.0574	-.0035	.0093	-.0545	.0911	.02641	3.447	
.904	712.099	5.86	.41	.0936	.0253	-.0592	-.0055	.0152	-.0836	.0935	.02602	3.592	
.905	712.921	7.84	.41	.0937	.0246	-.0601	-.0076	.0226	-.1160	.0935	.02530	3.697	
.903	710.866	9.86	.41	.0914	.0234	-.0587	-.0092	.0287	-.1472	.0913	.02403	3.797	
.902	709.710	11.84	.40	.0906	.0228	-.0601	-.0101	.0338	-.1789	.0905	.02340	3.867	

TEST 873												RUN 115	
MACH	Q	BETA	ALPHA	CN	CA	CM	CRDLL	CYAW	CSIDE	CL	CD	L/D	
.600	417.831	-2.24	.41	.0782	.0223	-.0441	.0002	.0003	-.0016	.0780	.02289	3.410	
.601	418.663	1.76	.40	.0757	.0225	-.0449	-.0011	.0036	-.0245	.0755	.02302	3.282	
.600	417.931	3.77	.40	.0791	.0216	-.0475	-.0027	.0087	-.0524	.0789	.02218	3.558	
.600	417.959	5.78	.40	.0807	.0211	-.0494	-.0046	.0143	-.0801	.0806	.02163	3.726	
.602	419.398	7.77	.40	.0839	.0198	-.0517	-.0064	.0205	-.1095	.0837	.02036	4.112	
.600	417.879	9.75	.40	.0811	.0186	-.0513	-.0077	.0268	-.1400	.0809	.01921	4.213	
.601	418.435	11.76	.40	.0859	.0172	-.0548	-.0087	.0322	-.1698	.0857	.01778	4.821	



(a) Three-view sketch.

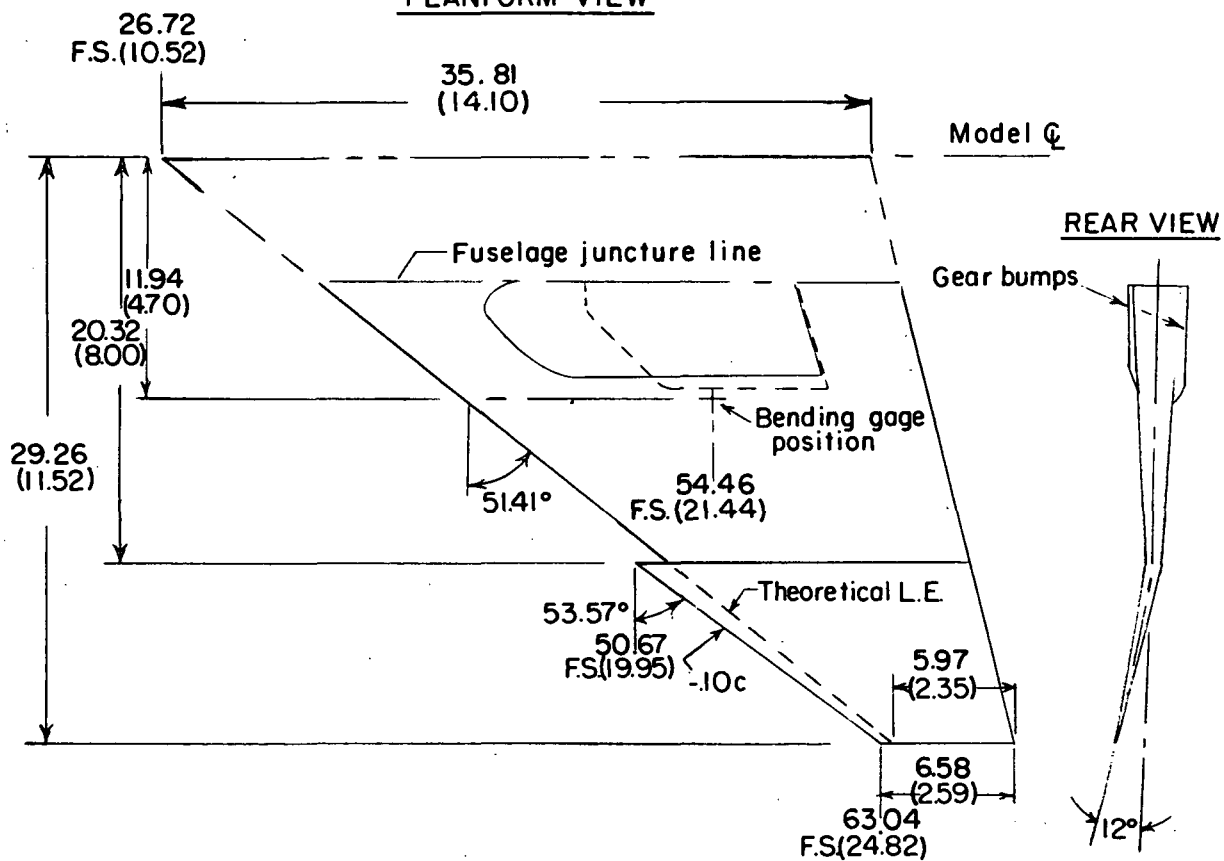
Figure 1.- Details of basic configuration, configuration 1. (All linear dimensions in centimeters (inches).)

$S = .1231 \text{ m}^2 (1.325 \text{ ft}^2)$

$b = 58.522 \text{ cm} (23.04 \text{ in.})$

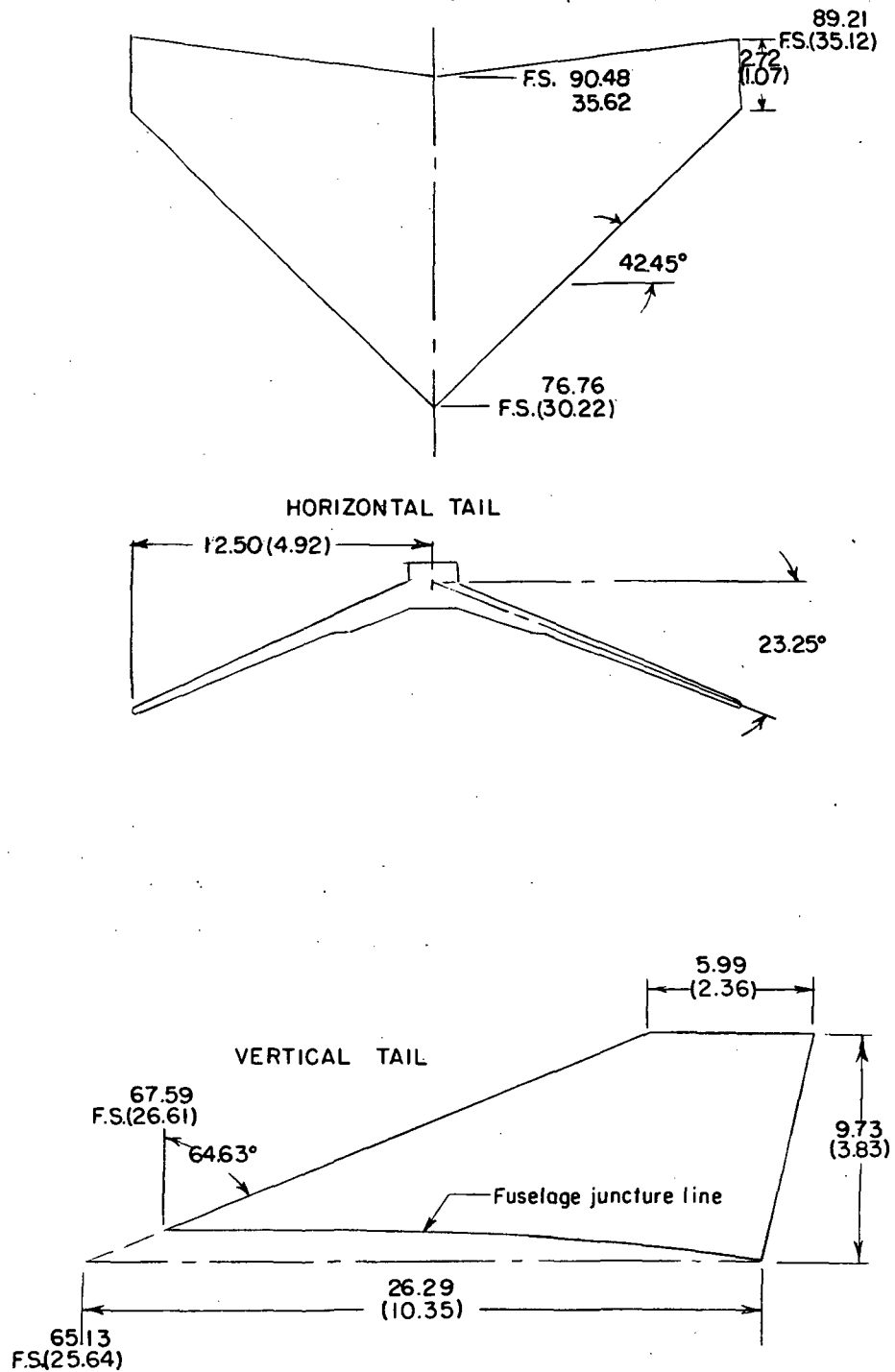
$\bar{c} = 24.445 \text{ cm} (9.62 \text{ in.})$

### PLANFORM VIEW



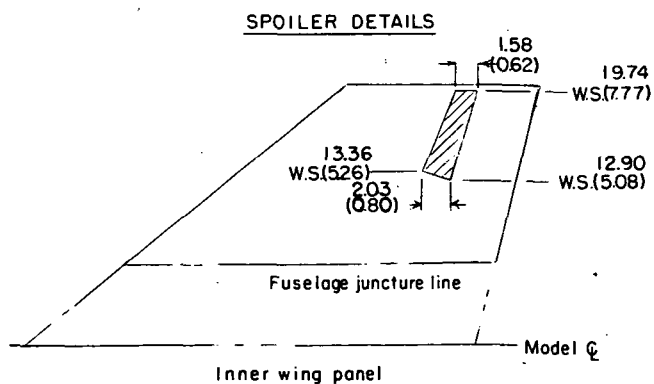
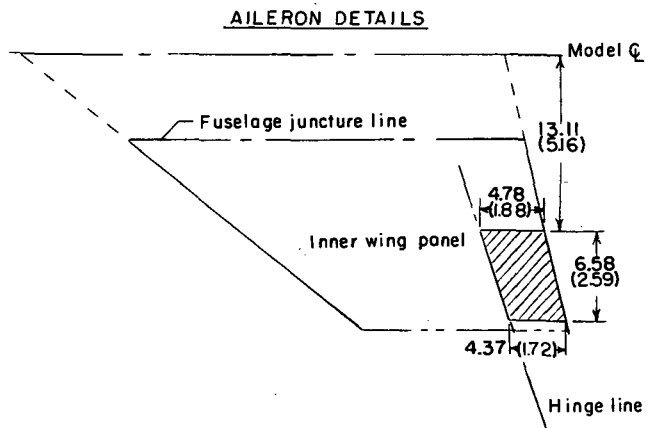
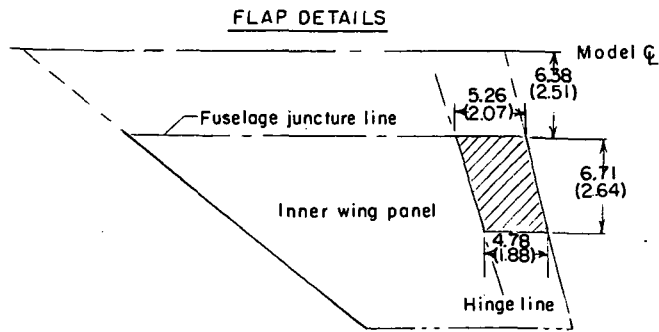
(b) Wing details.

Figure 1.- Continued.



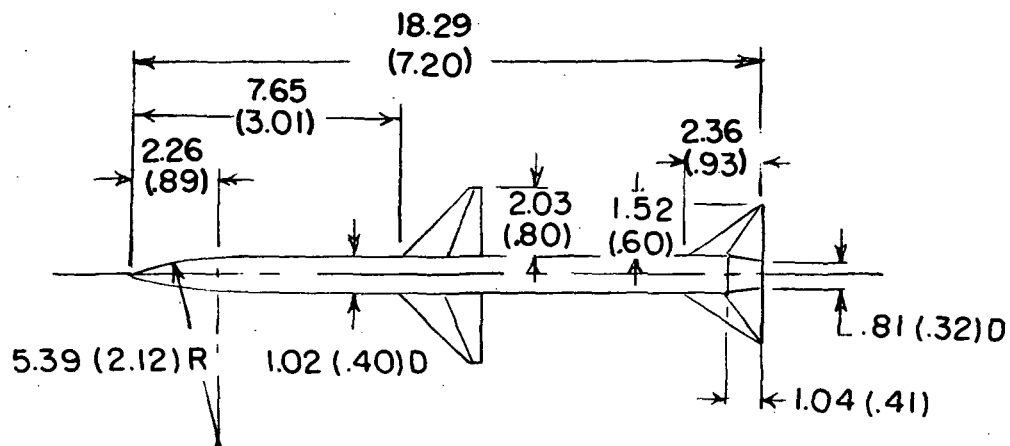
(c) Drawings of horizontal and vertical tails.

Figure 1.- Continued.



(d) Details of flap, aileron, and spoiler arrangements.

Figure 1.- Continued.



#### MISSILE LOCATIONS

Fwd. missiles (2)

F.S. 20.93 (8.24)

W.S. 2.18 (0.86)

Rear missiles (2)

F.S. 48.08 (18.93)

W.S. 5.72 (2.25)

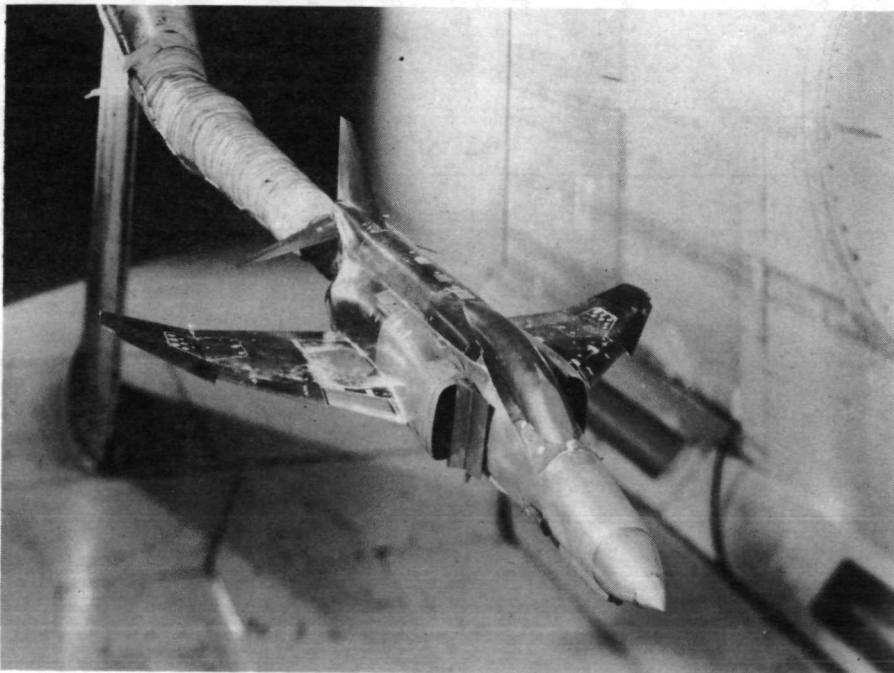
(e) Missile details.

Figure 1.- Concluded.



L-69-2540

(a) Three-quarter rear view.

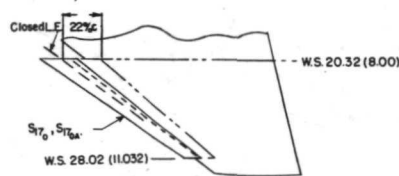


L-69-2539

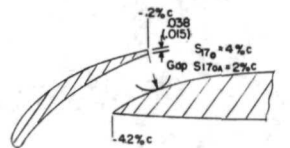
(b) Three-quarter front view.

Figure 2.- Photographs of basic configuration (configuration 1)  
with  $S_{17_0} S_{18_m}$  slat arrangement.

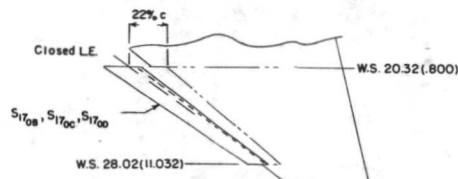




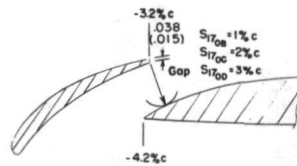
PLANFORM VIEW OF OUTER PANEL



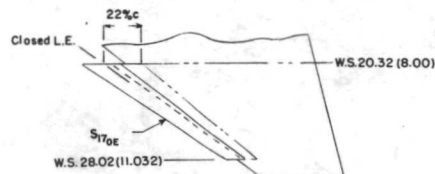
TYPICAL CROSS SECTION



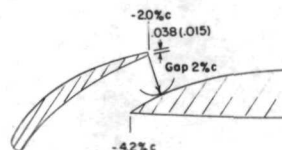
PLANFORM VIEW OF OUTER PANEL



TYPICAL CROSS SECTION



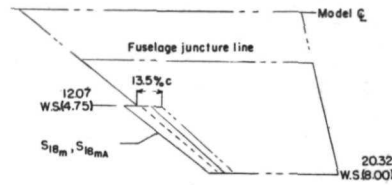
PLANFORM VIEW OUTER PANEL



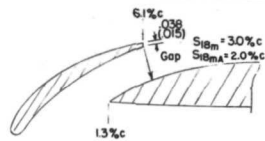
TYPICAL CROSS SECTION

### (a) Outboard slats.

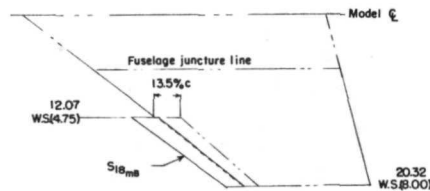
Figure 3.- Details of leading-edge slat arrangements incorporated with basic wing. (Linear dimensions in centimeters (inches).)



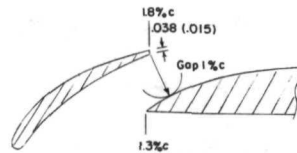
PLANFORM VIEW OF INNER PANEL



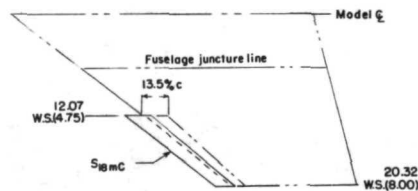
TYPICAL CROSS SECTION



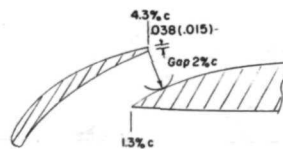
PLANFORM VIEW OF INNER PANEL



TYPICAL CROSS SECTION



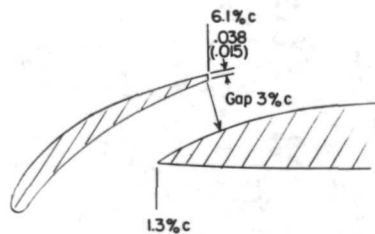
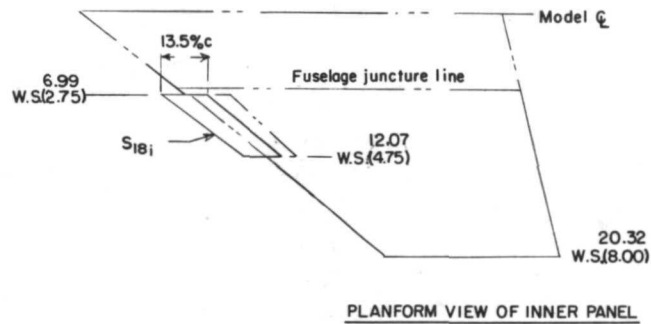
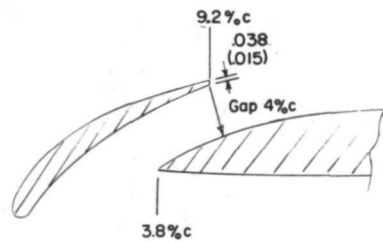
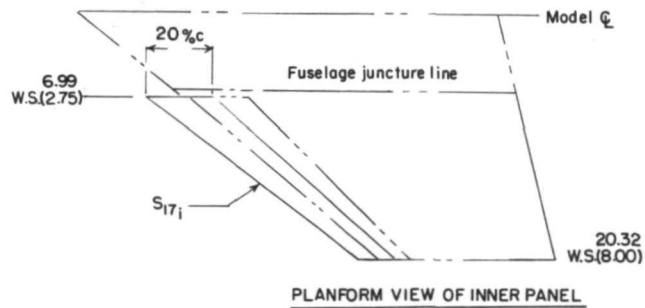
PLANFORM VIEW OF INNER PANEL



TYPICAL CROSS SECTION

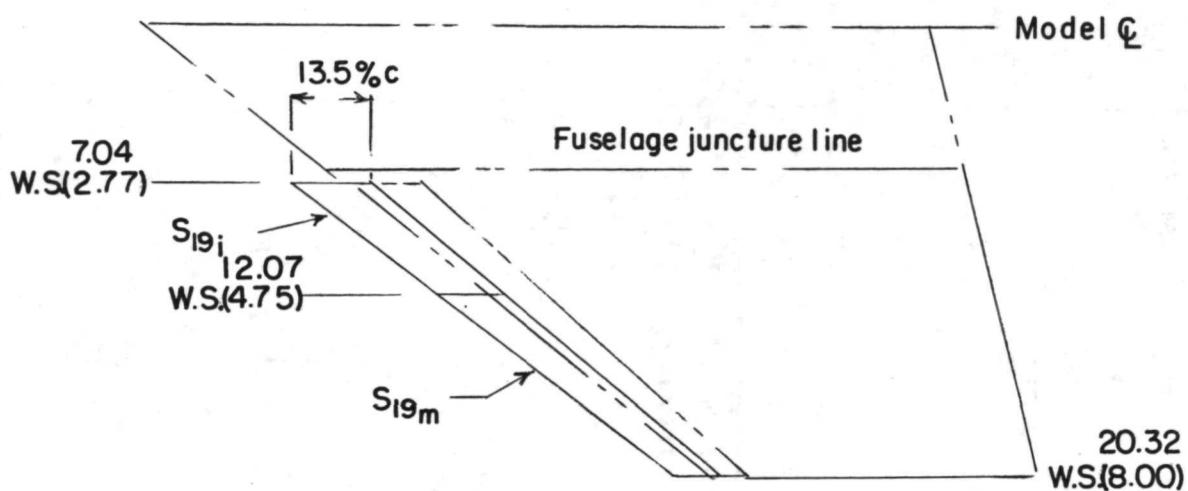
(b) Midspan slats.

Figure 3.- Continued.

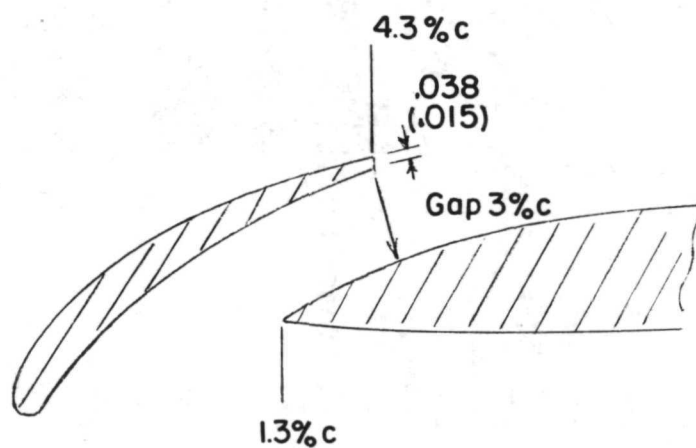


(c) Inboard slats.

Figure 3.- Continued.



PLANFORM VIEW OF INNER PANEL



TYPICAL CROSS SECTION

(d)  $S_{19i}$  and  $S_{19m}$  slats.

Figure 3.- Concluded.

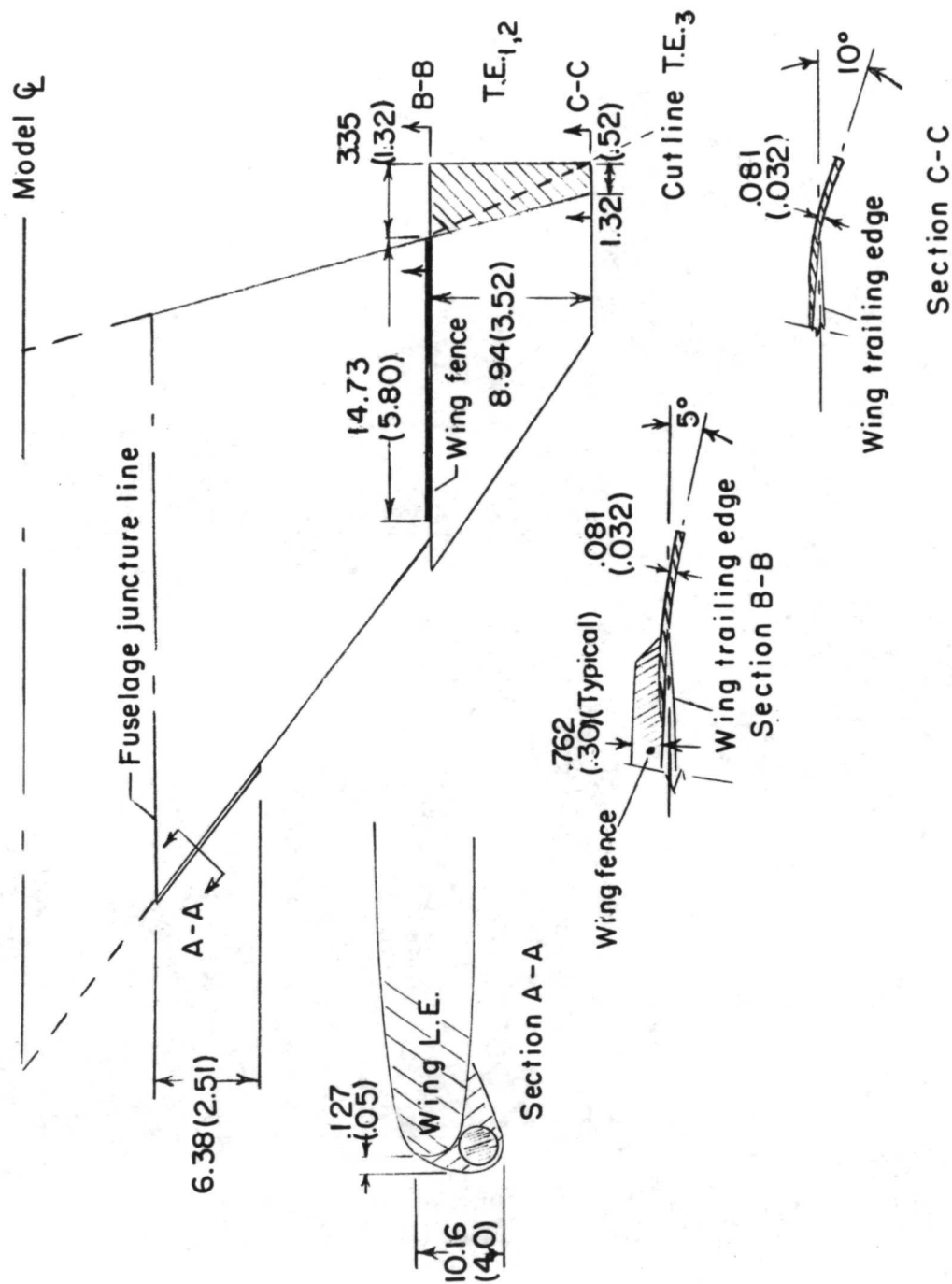


Figure 4.- Details of wing leading-edge droop, wing fence, and trailing-edge chord-extensions incorporated with configuration 1. (Linear dimensions in centimeters (inches).)

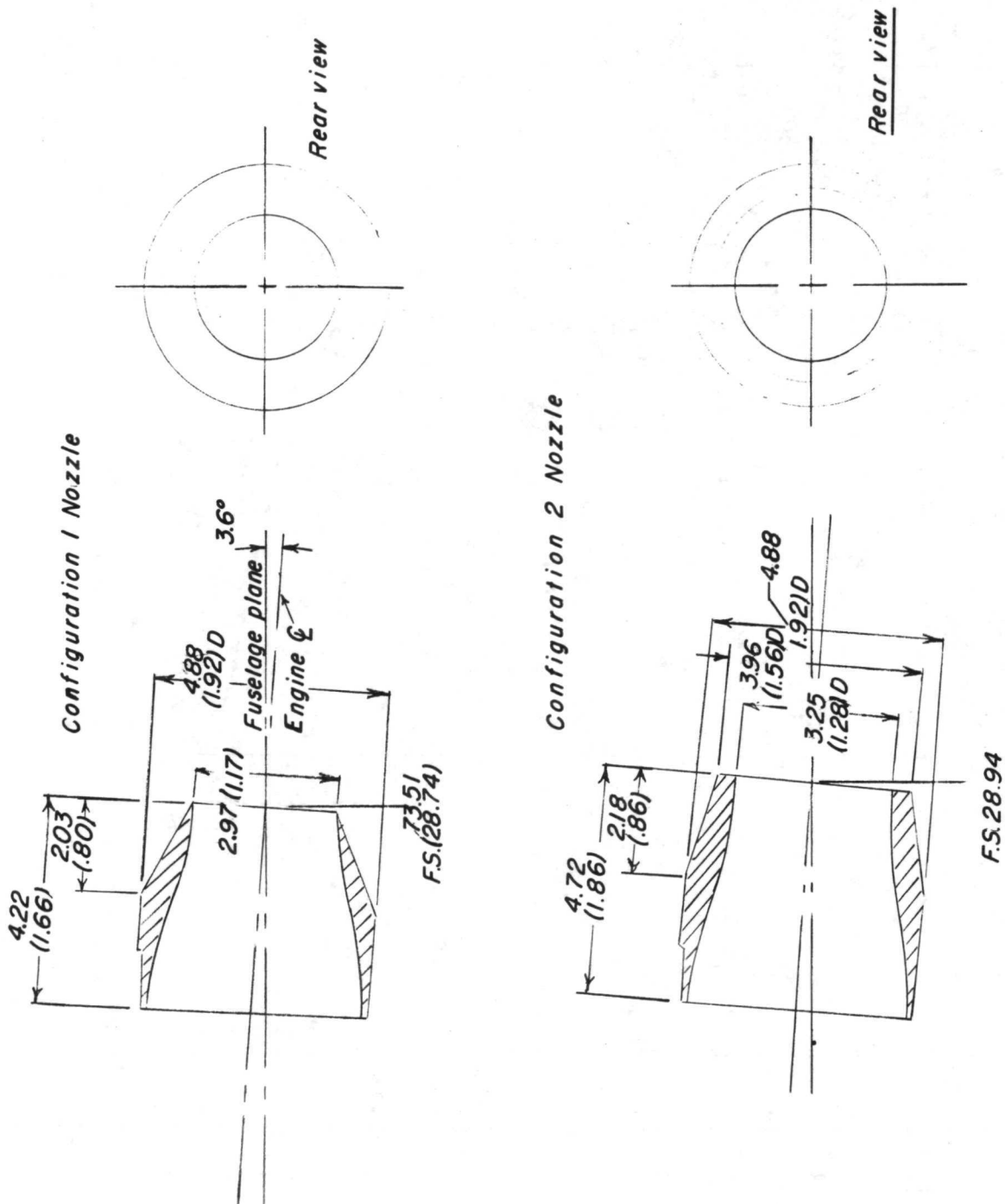
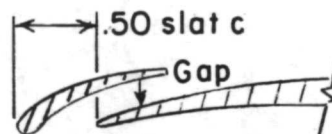
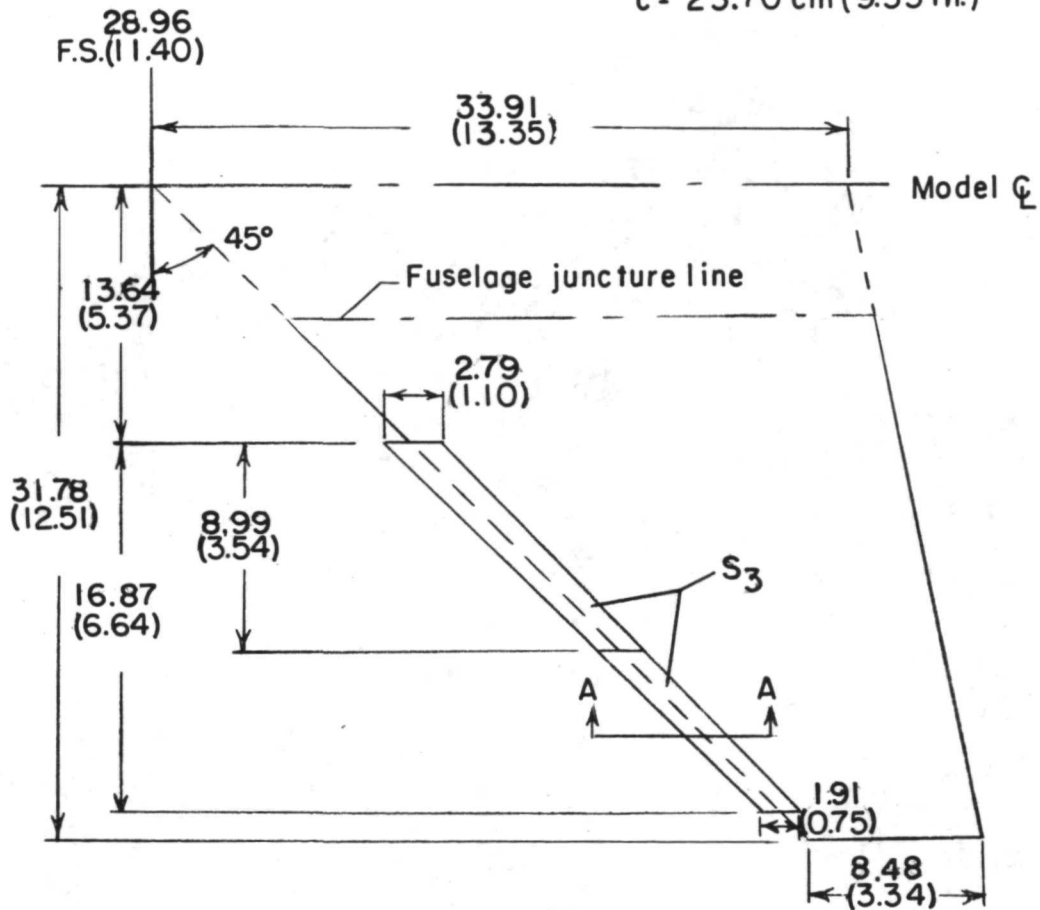


Figure 5.- Engine nozzle arrangements utilized with configurations 1 and 2.  
 (Linear dimensions in centimeters (inches).)

$$S = .1347 \text{ m}^2 (1.45 \text{ ft}^2)$$

$$b = 63.55 \text{ cm} (25.02 \text{ in.})$$

$$\bar{c} = 23.70 \text{ cm} (9.33 \text{ in.})$$



Typical Section A-A

Gap at W.S. 13.64 = .76  
(5.37) = (.30)

Gap at W.S. 30.51 = .25  
(12.01) = (.10)

Figure 6.- Details of configuration 3 wing with leading-edge slats.  
(Linear dimensions in centimeters (inches).)

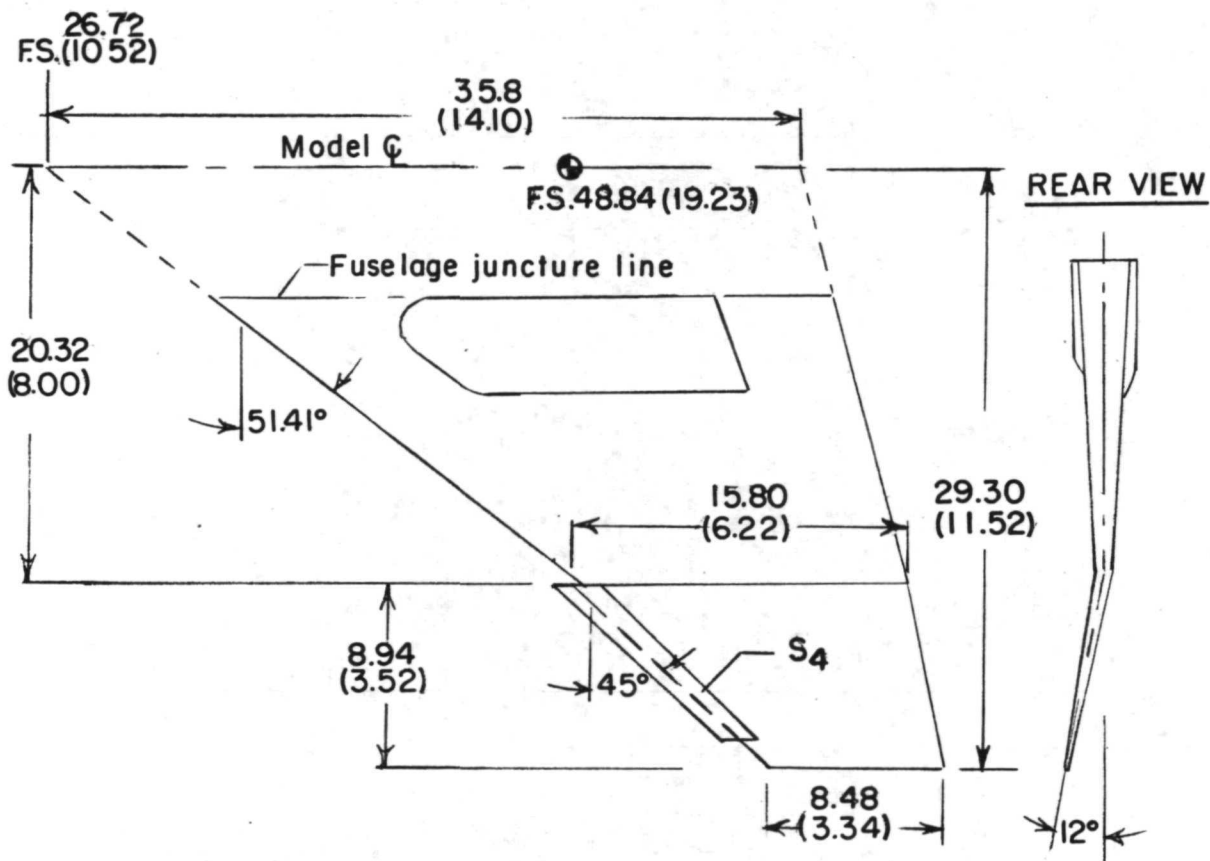
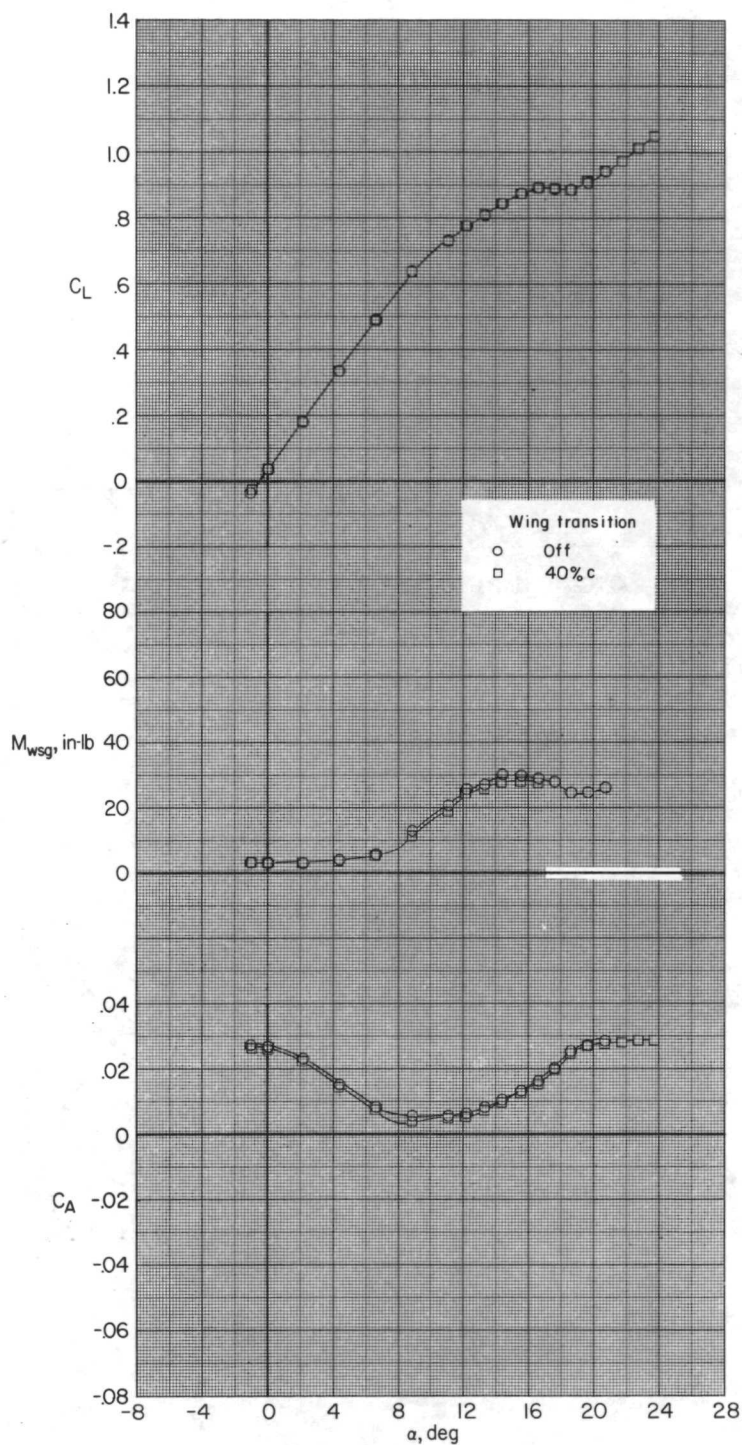


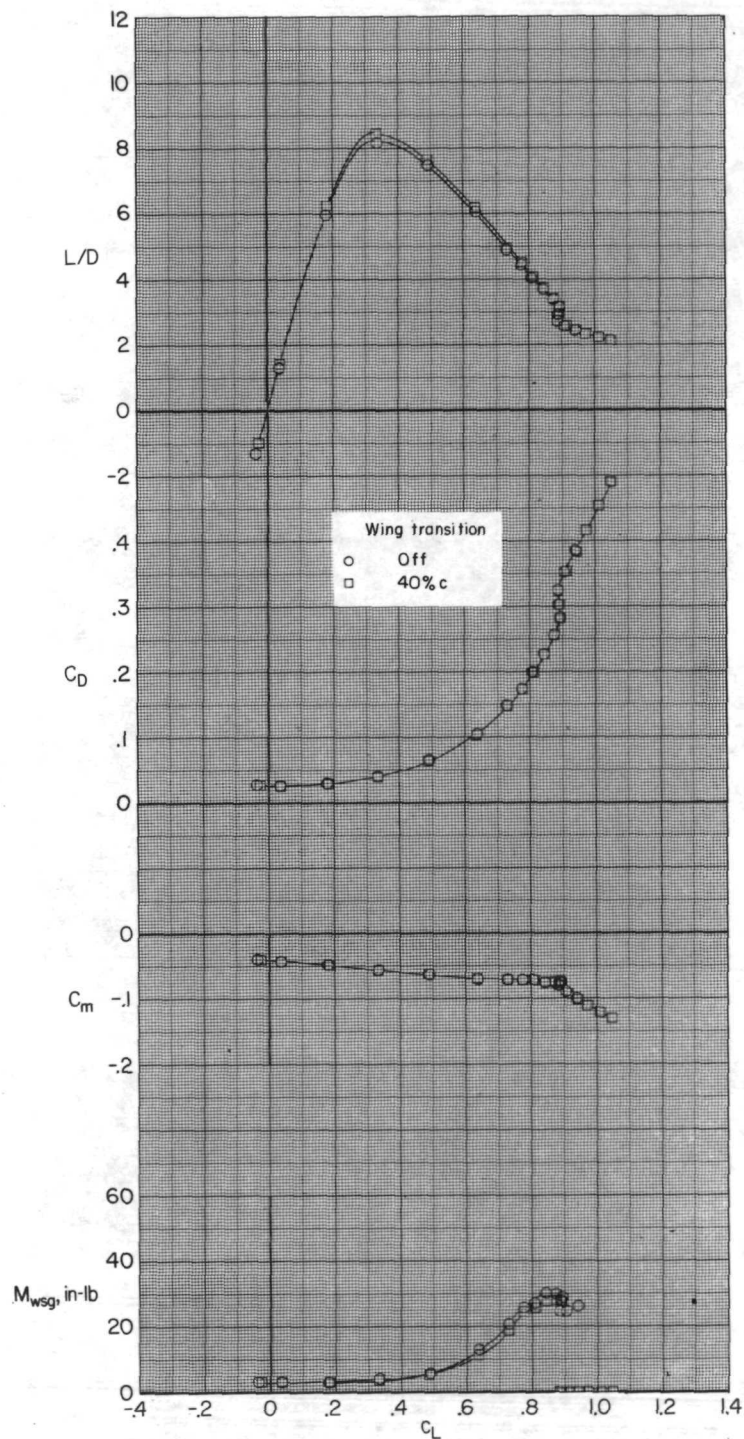
Figure 7.- Details of configuration 4 wing. (Linear dimensions in centimeters (inches).)





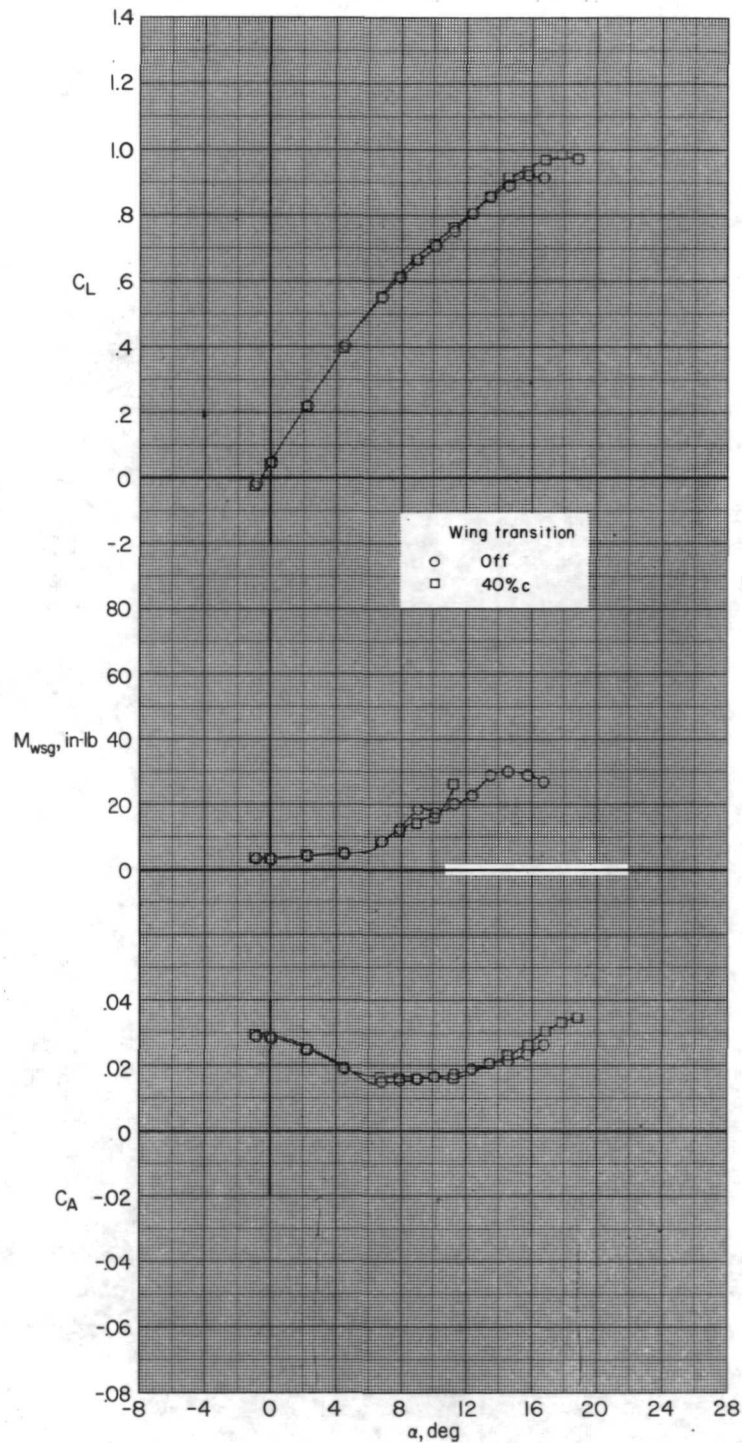
(a)  $M = 0.80$ .

Figure 8.- Effect of wing transition strips on the longitudinal characteristics of configuration 1. (The conversion factor for changing the values of  $M_{wsg}$  from in-lb to m-N is 0.113.)



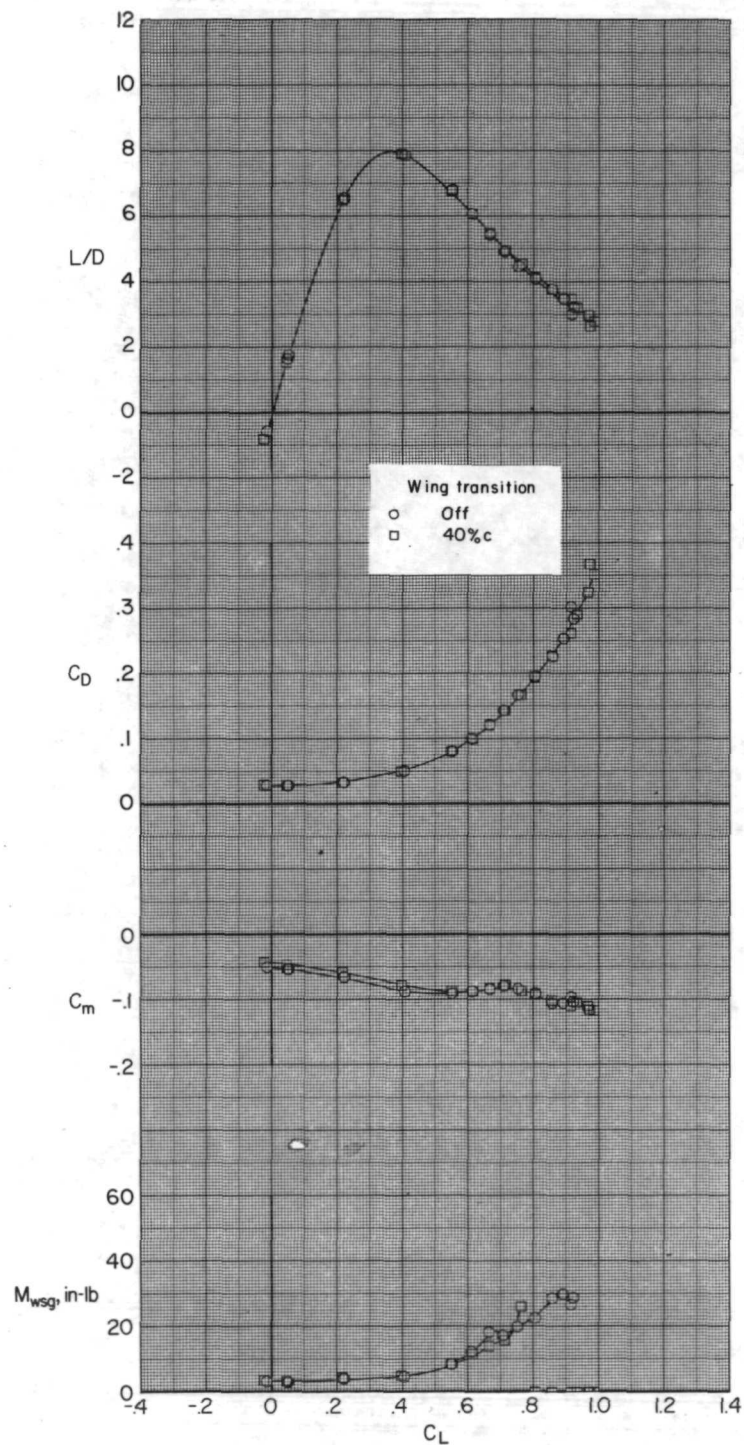
(a) Concluded.

Figure 8.- Continued.



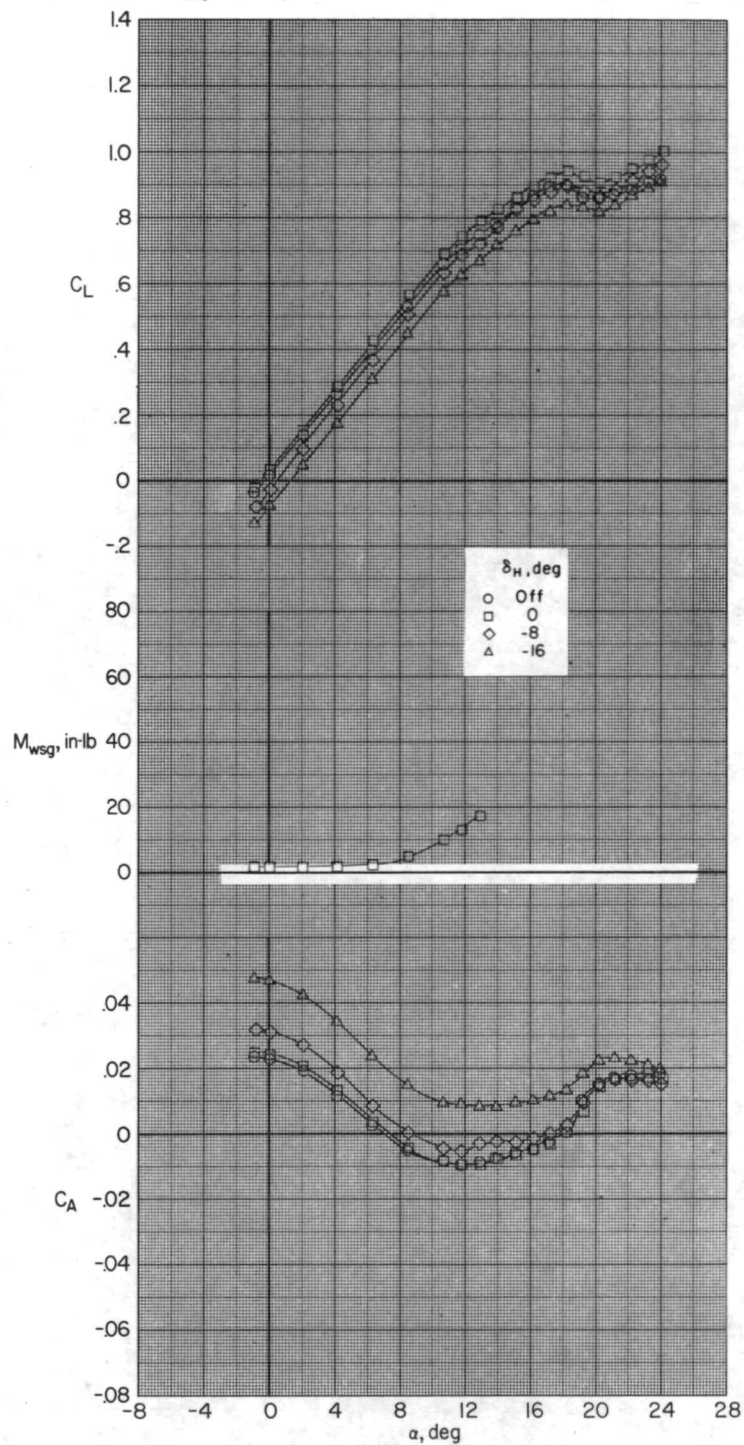
(b)  $M = 0.90$ .

Figure 8.- Continued.



(b) Concluded.

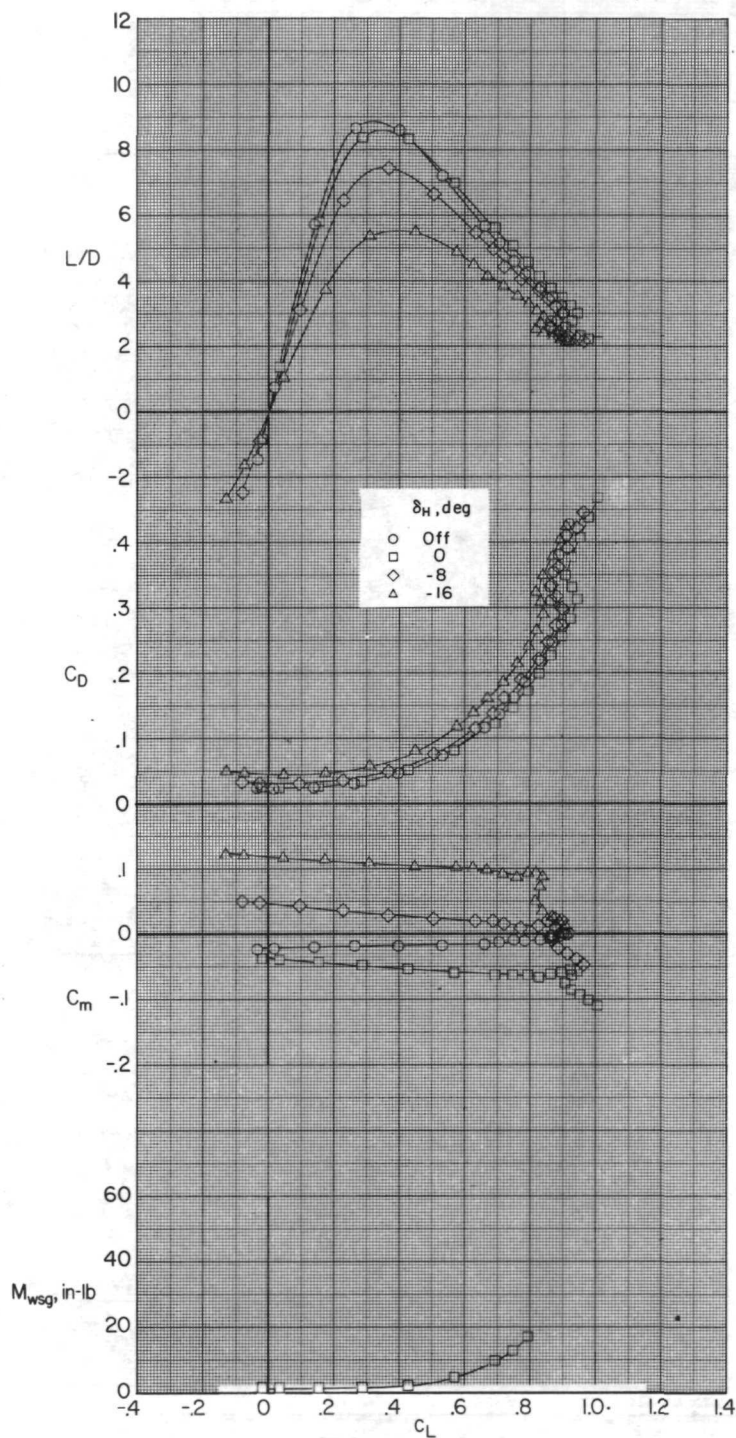
Figure 8.- Concluded.



(a)  $M = 0.60$ .

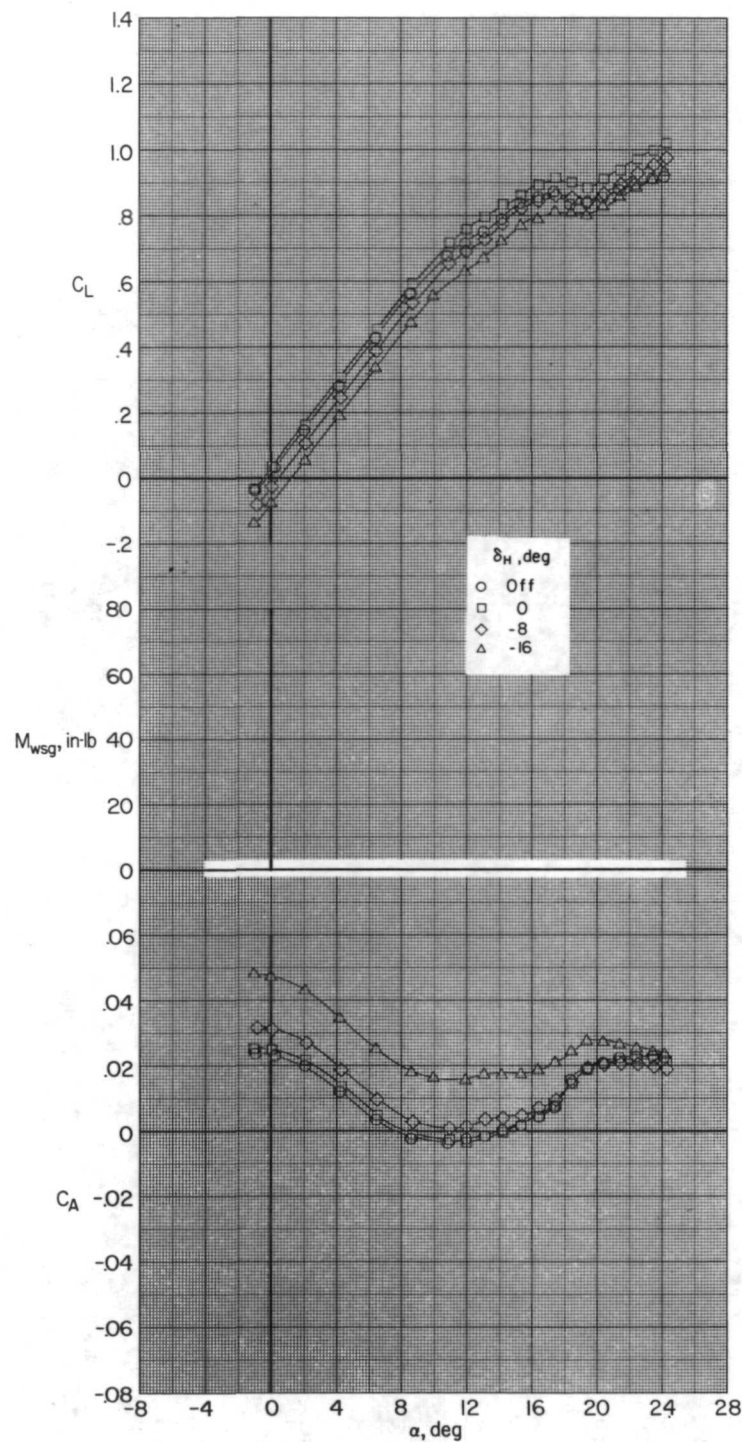
Figure 9.- Effect of horizontal-tail addition and deflections on the longitudinal characteristics of configuration 1.





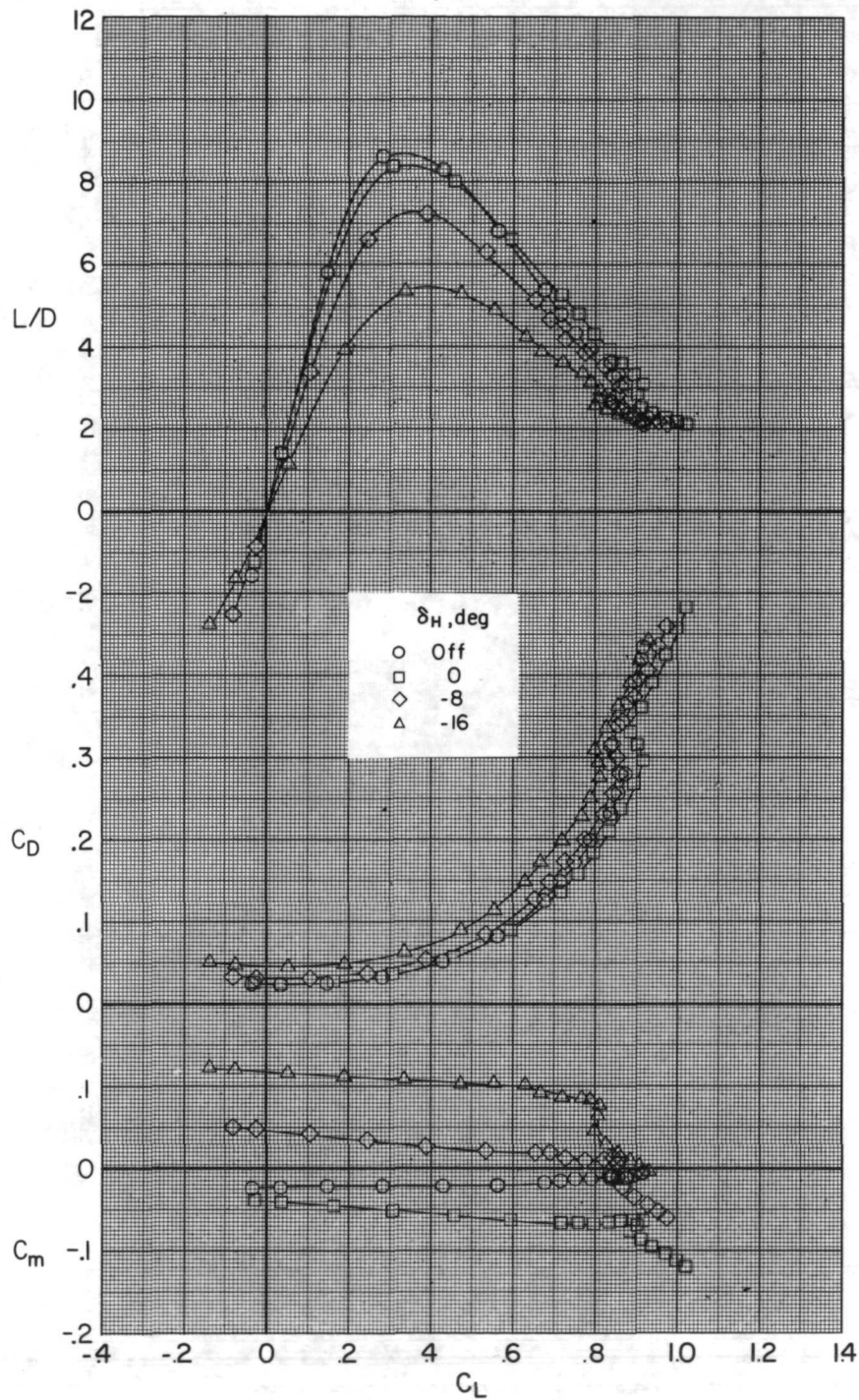
(a) Concluded.

Figure 9.- Continued.



(b)  $M = 0.70$ .

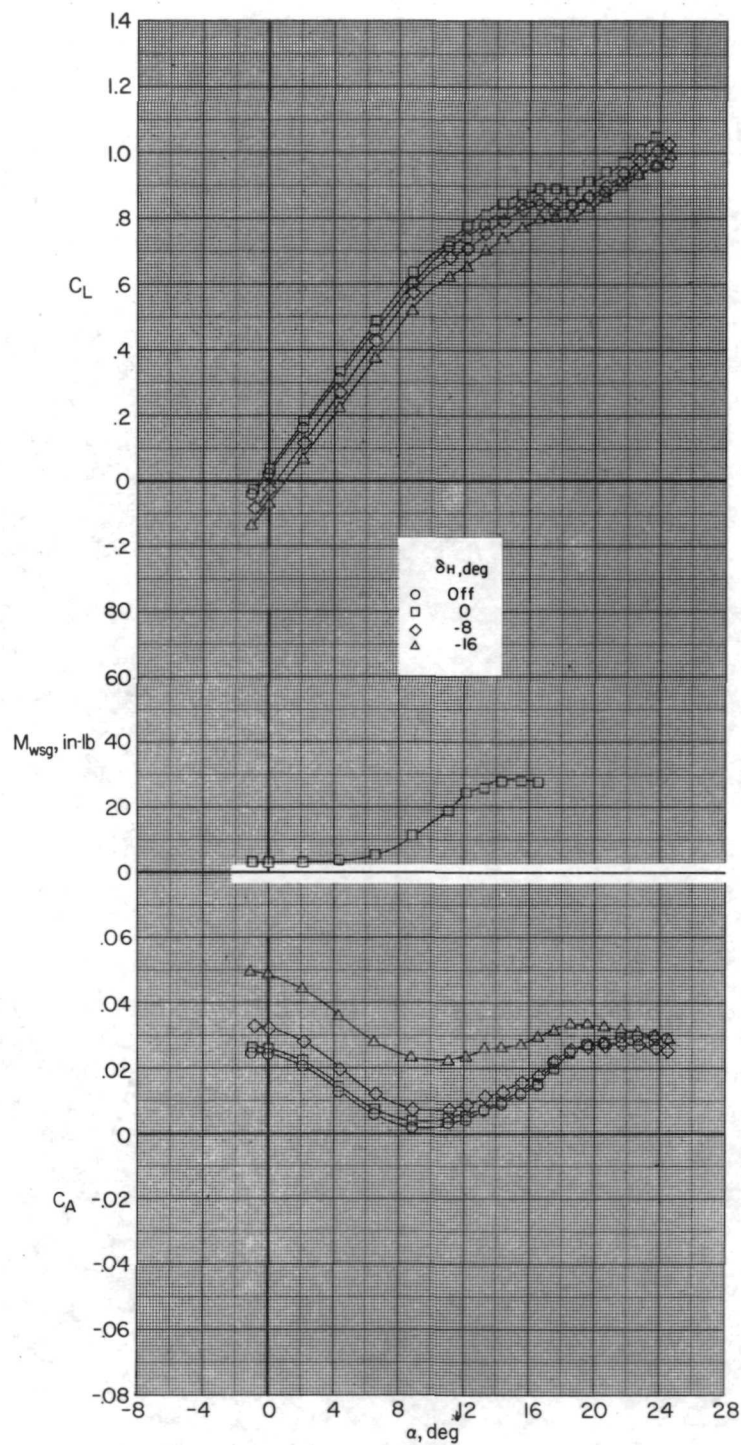
Figure 9.- Continued.



(b) Concluded.

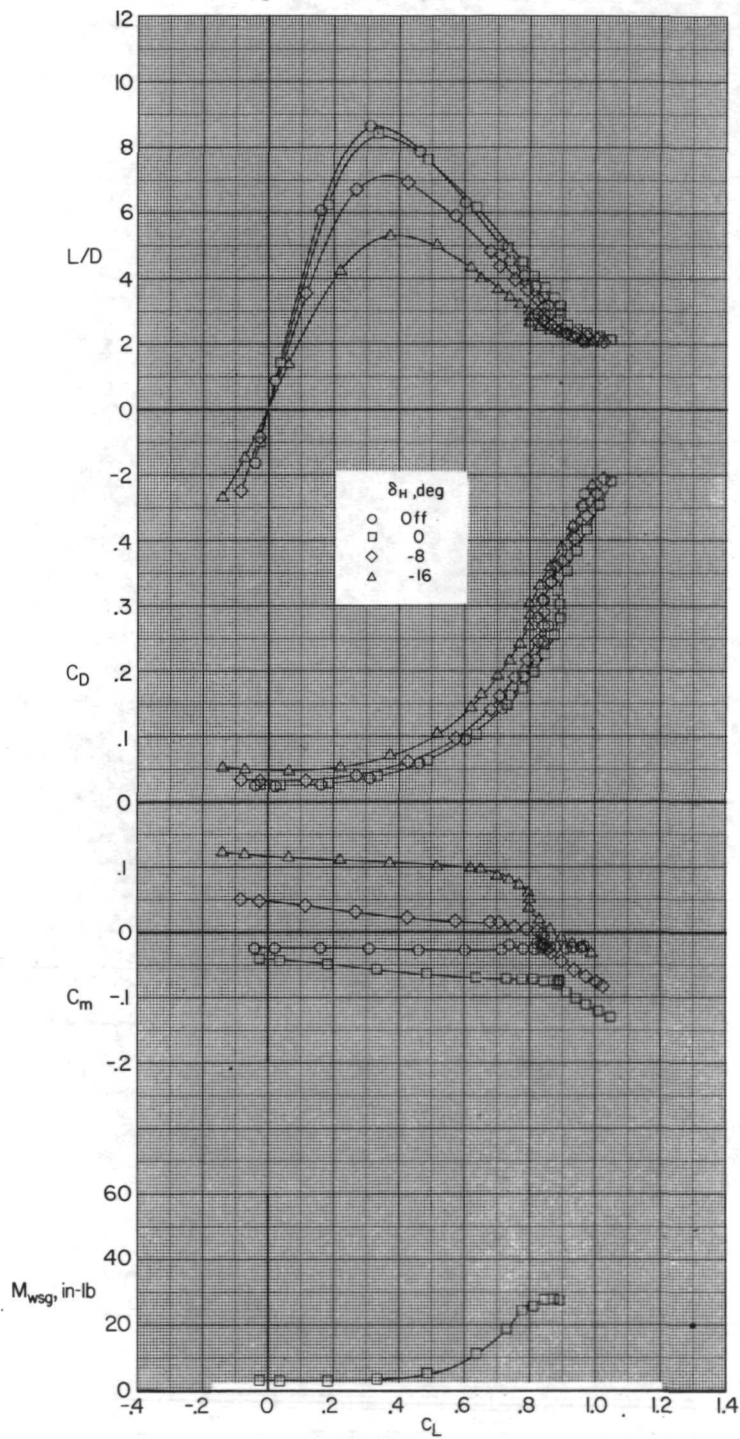
Figure 9.- Continued.





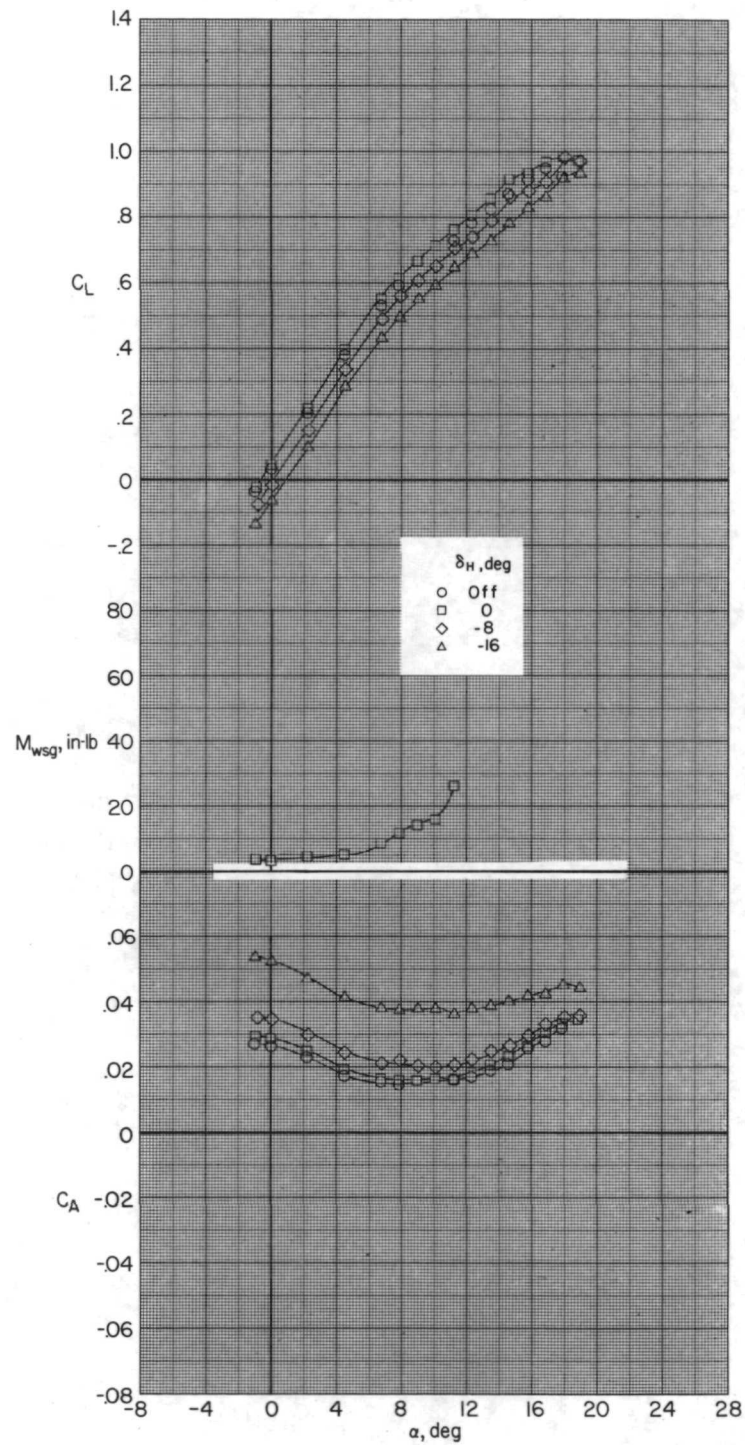
(c)  $M = 0.80$ .

Figure 9.- Continued.



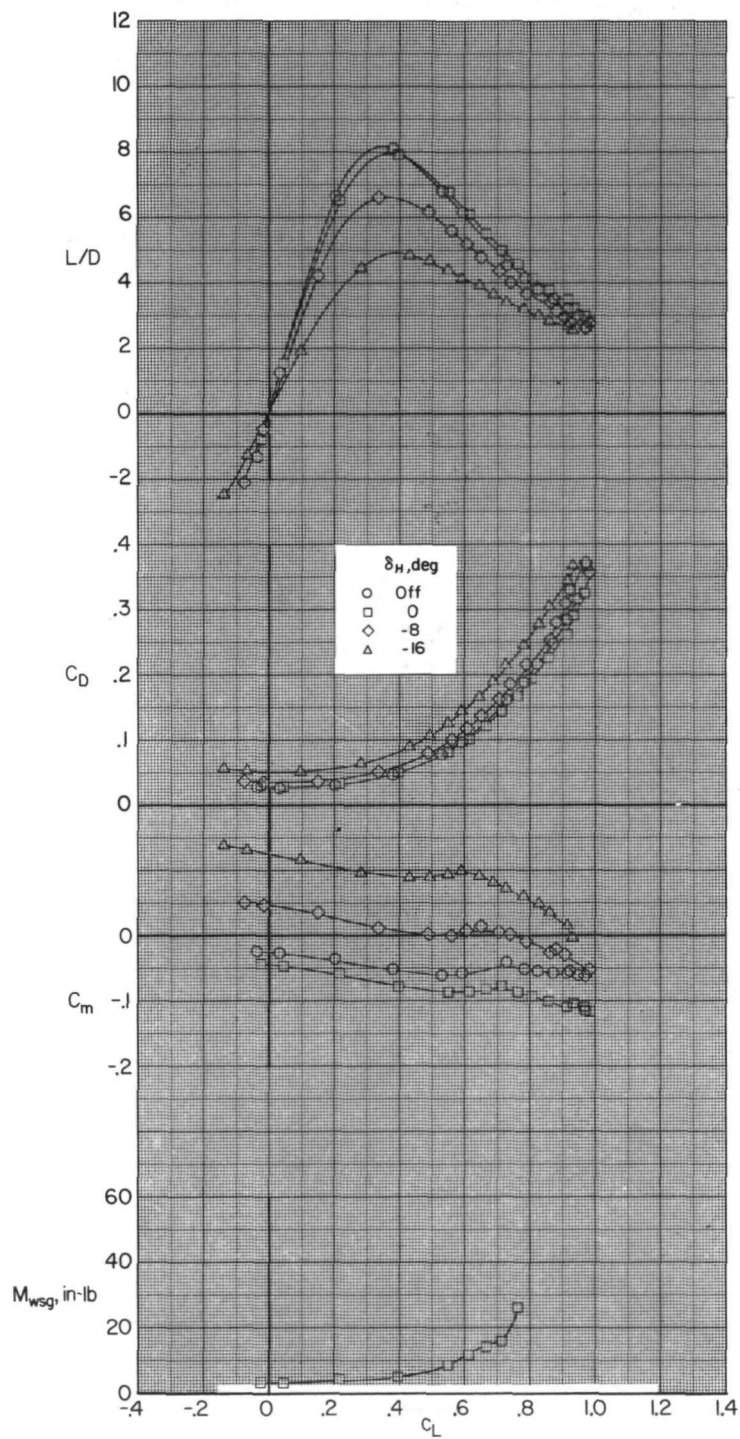
(c) Concluded.

Figure 9.- Continued.



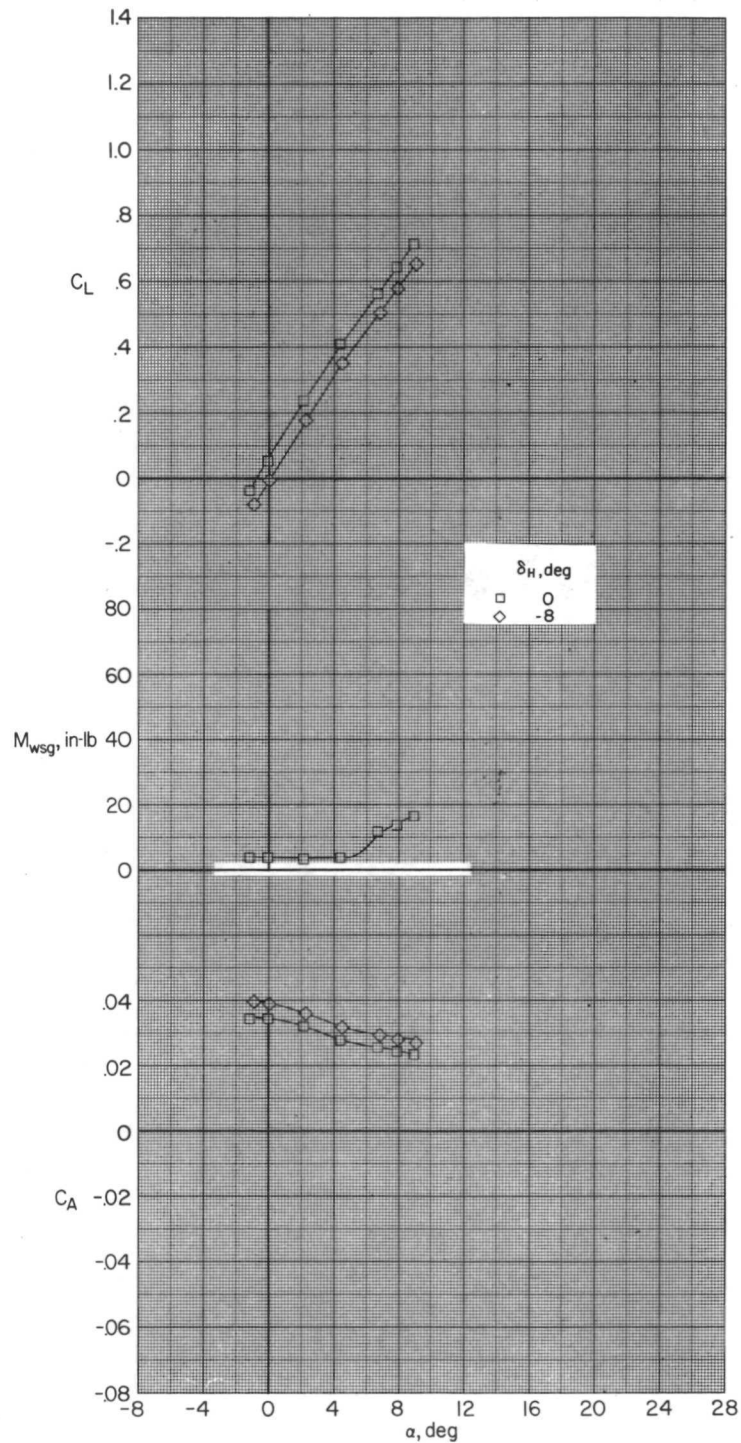
(d)  $M = 0.90$ .

Figure 9.- Continued.



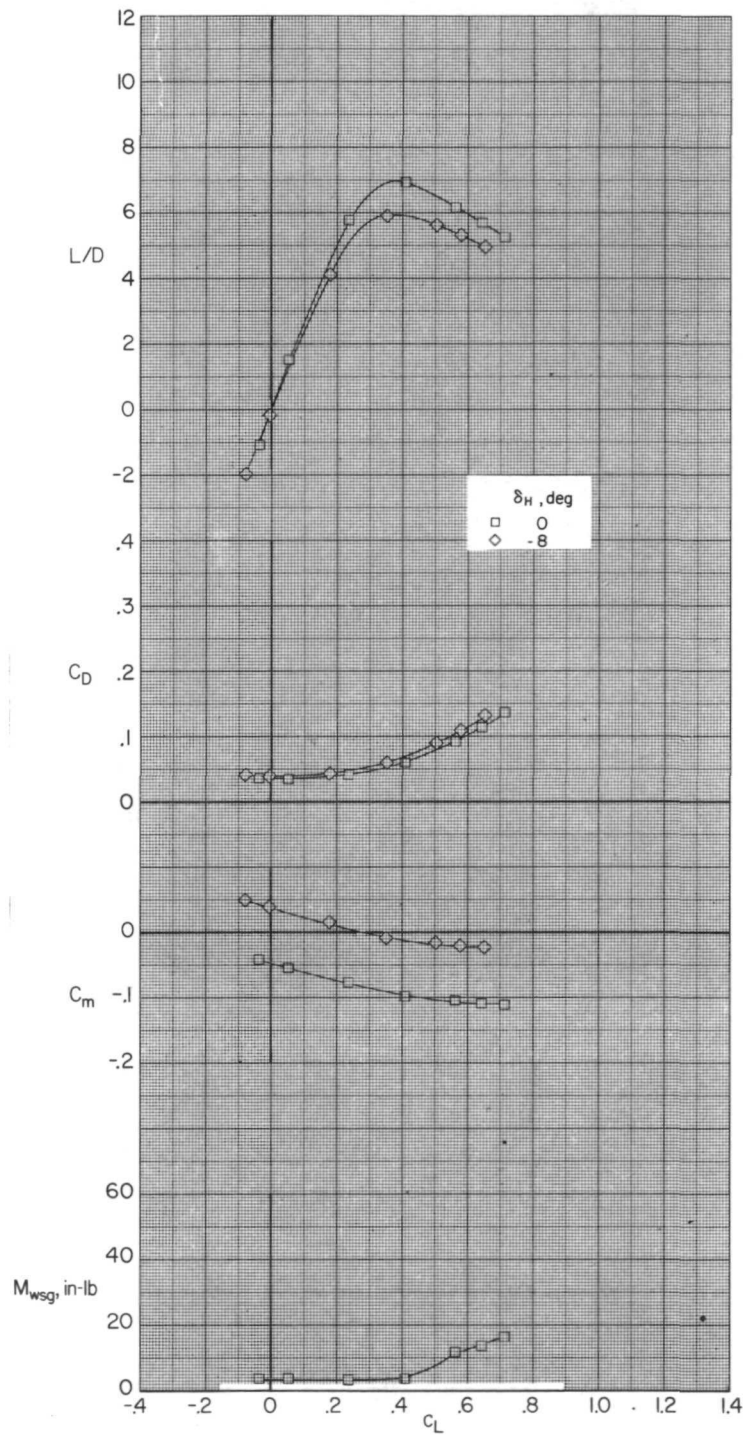
(d) Concluded.

Figure 9.- Continued.



(e)  $M = 0.94$ .

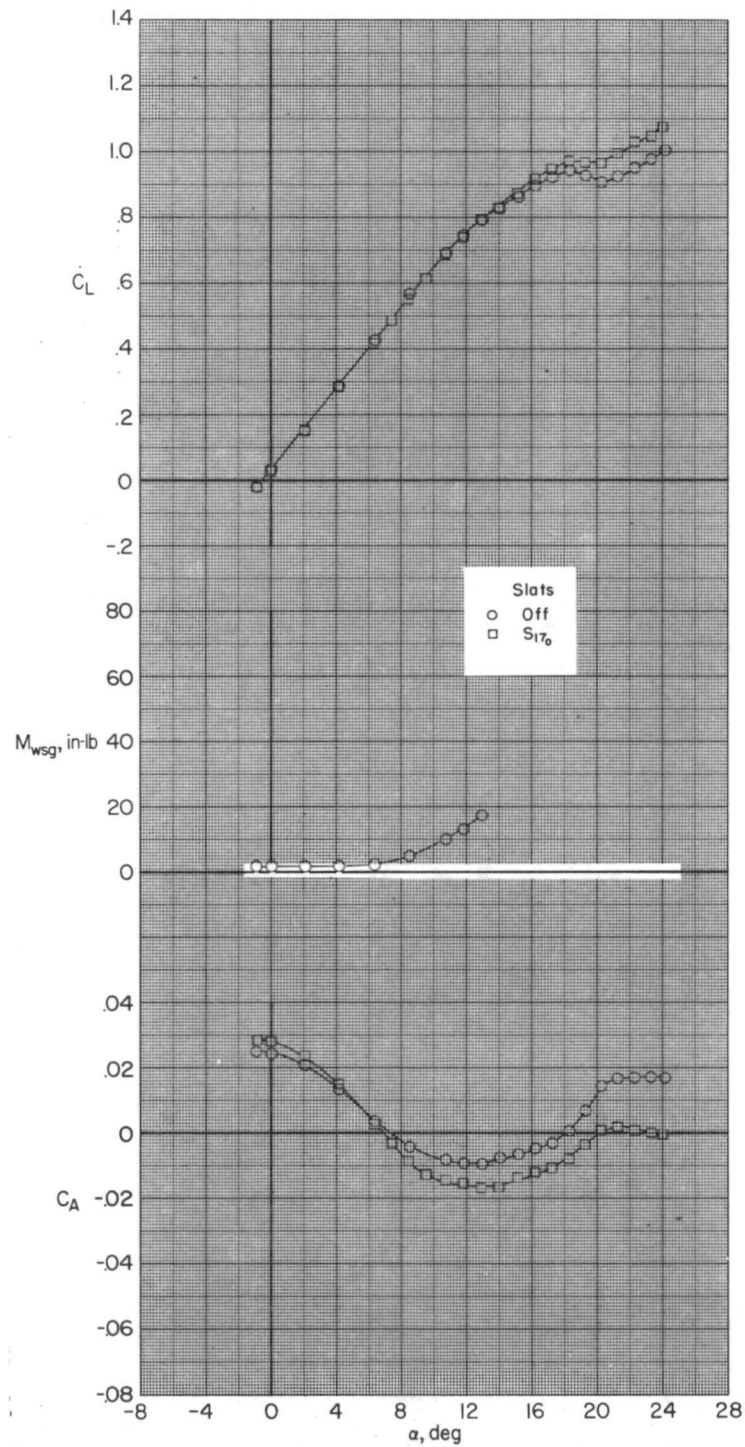
Figure 9.- Continued.



(e) Concluded.

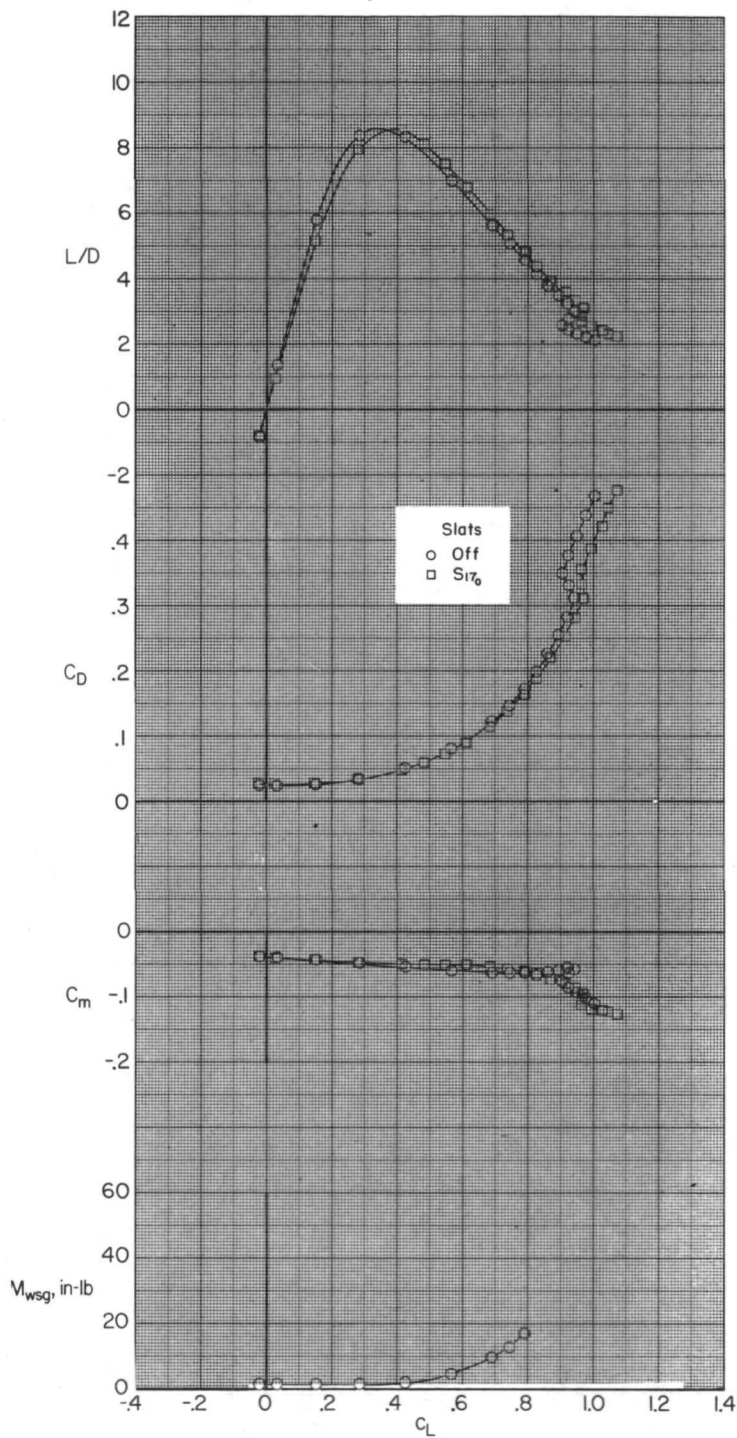
Figure 9.- Concluded.





(a)  $M = 0.60$ .

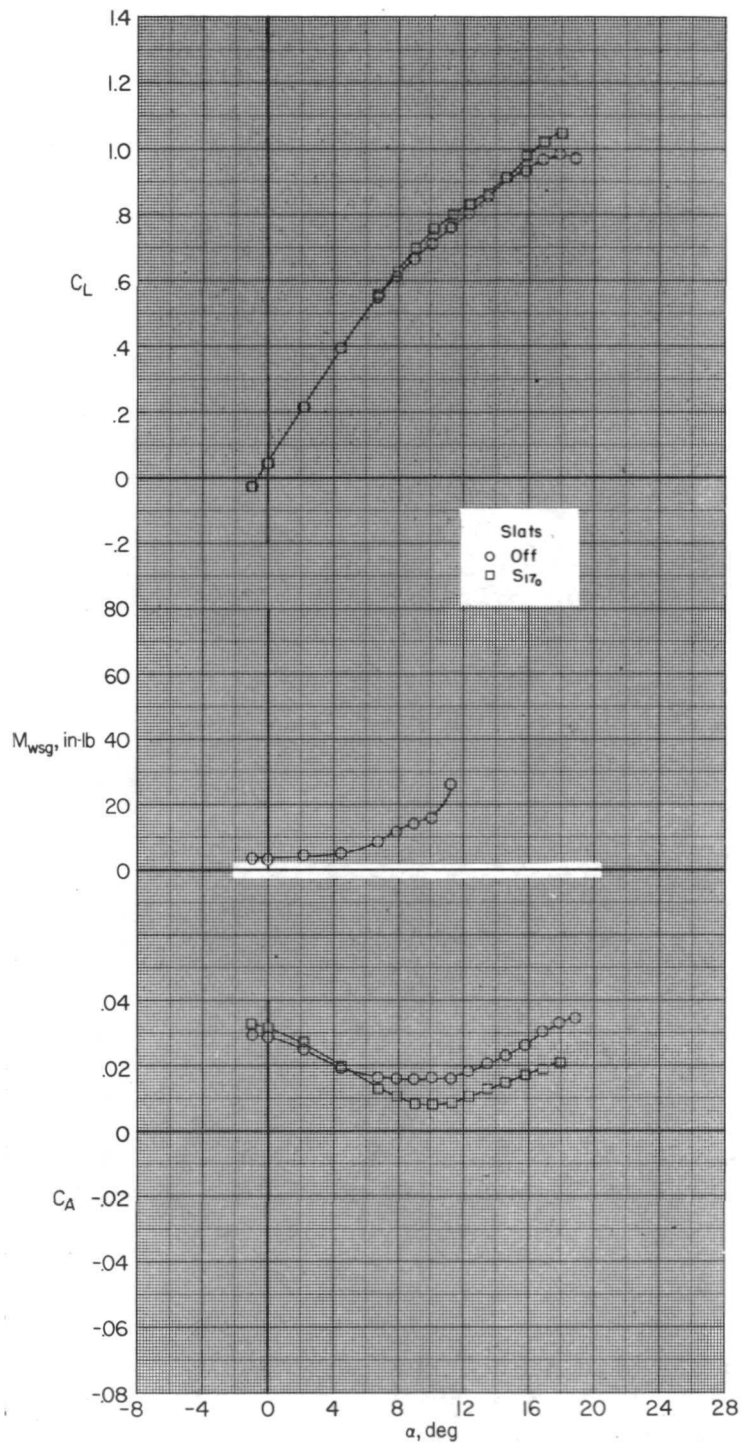
Figure 10.- Effect of the S<sub>170</sub> slat arrangement on the longitudinal characteristics of configuration 1.



(a) Concluded.

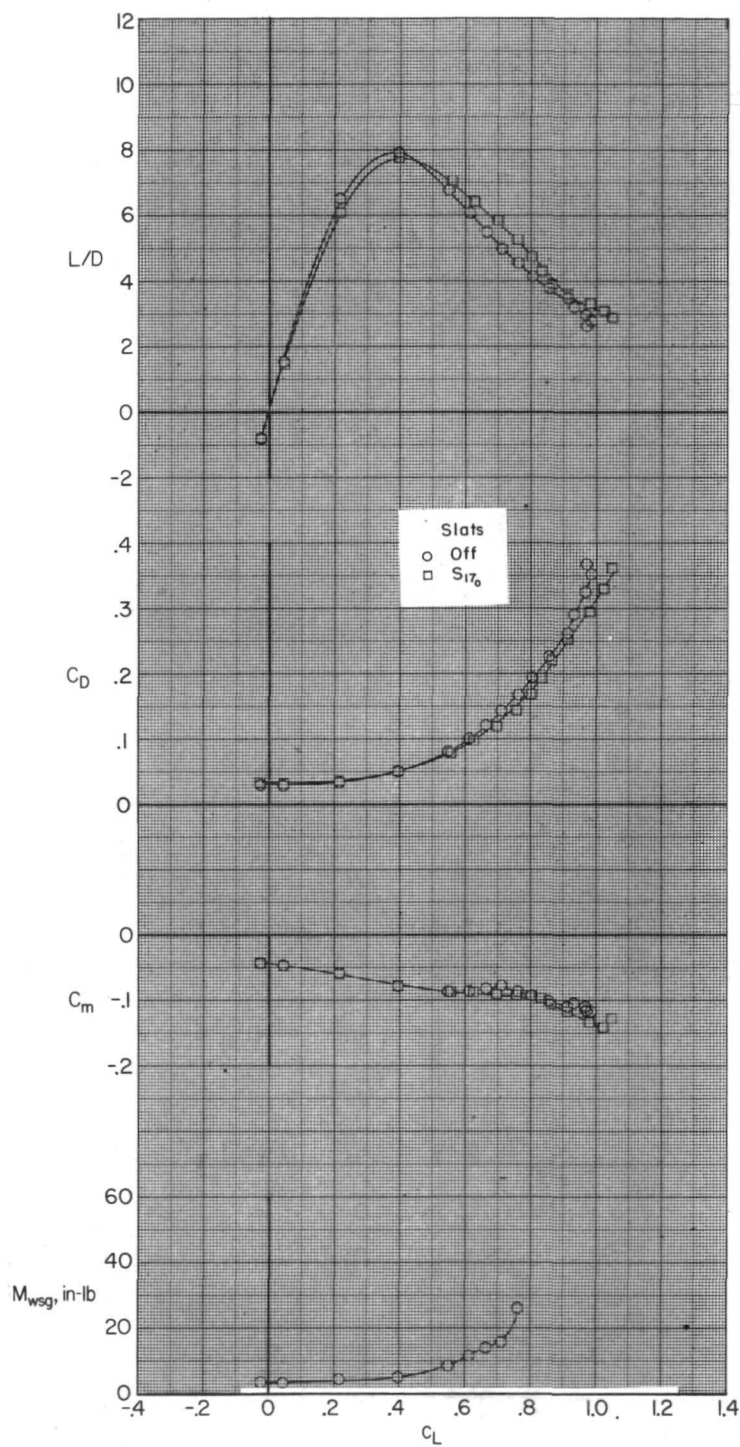
Figure 10.- Continued.





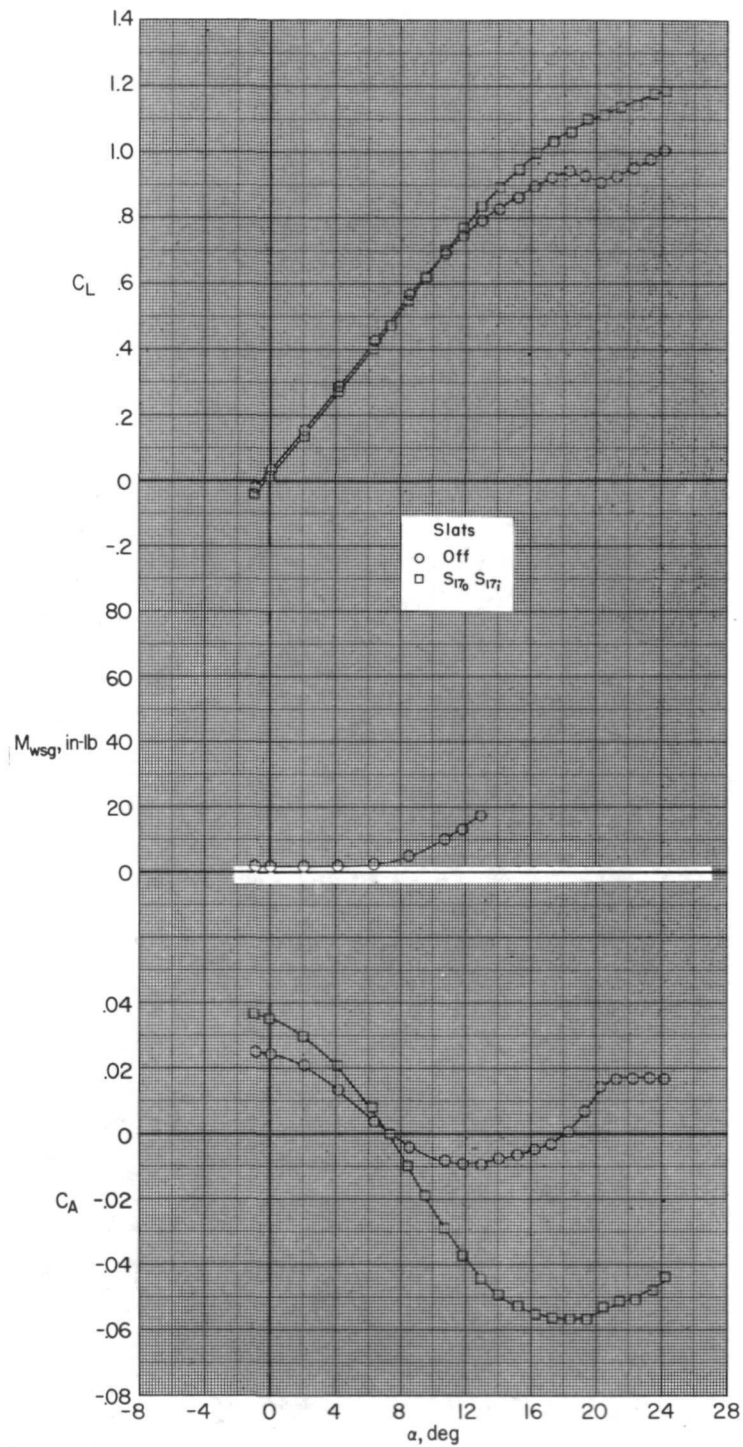
(b)  $M = 0.90$ .

Figure 10.- Continued.



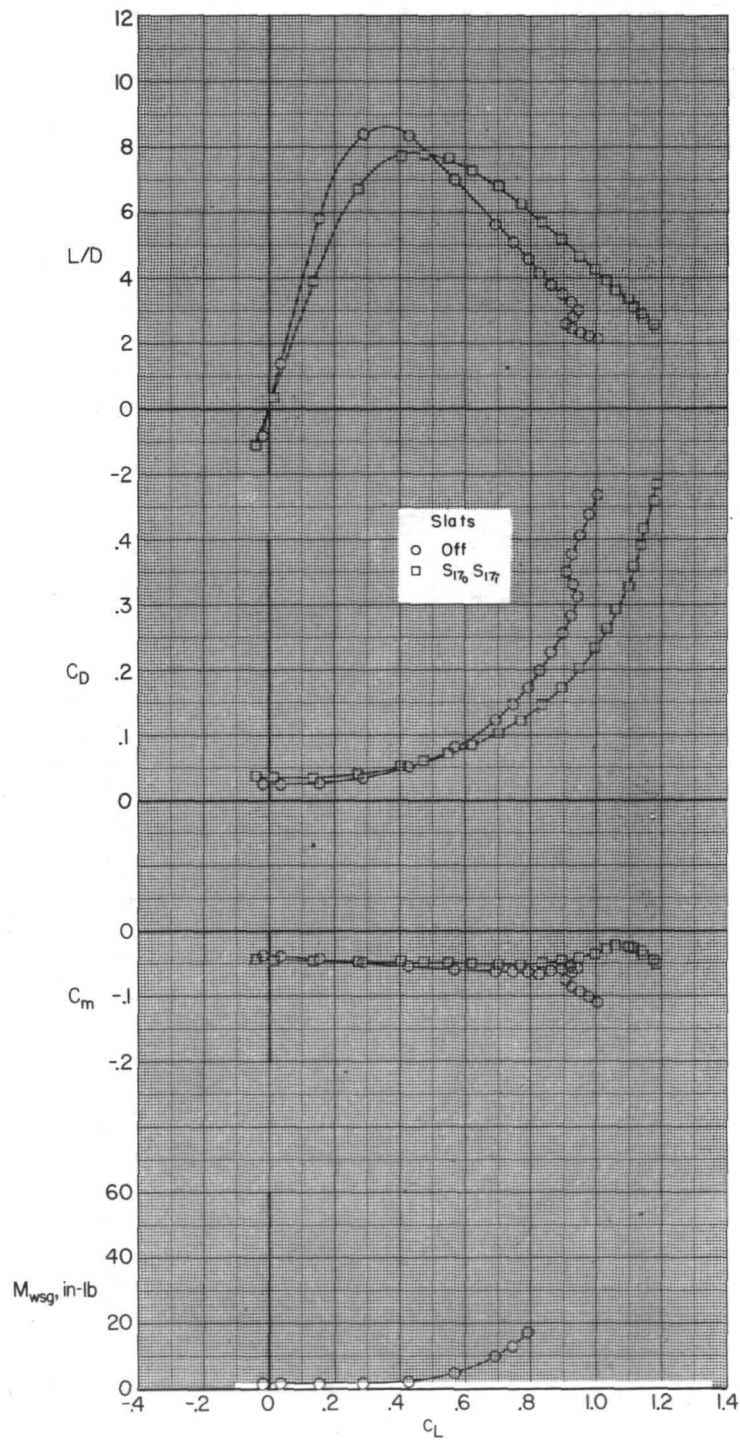
(b) Concluded.

Figure 10.- Concluded.



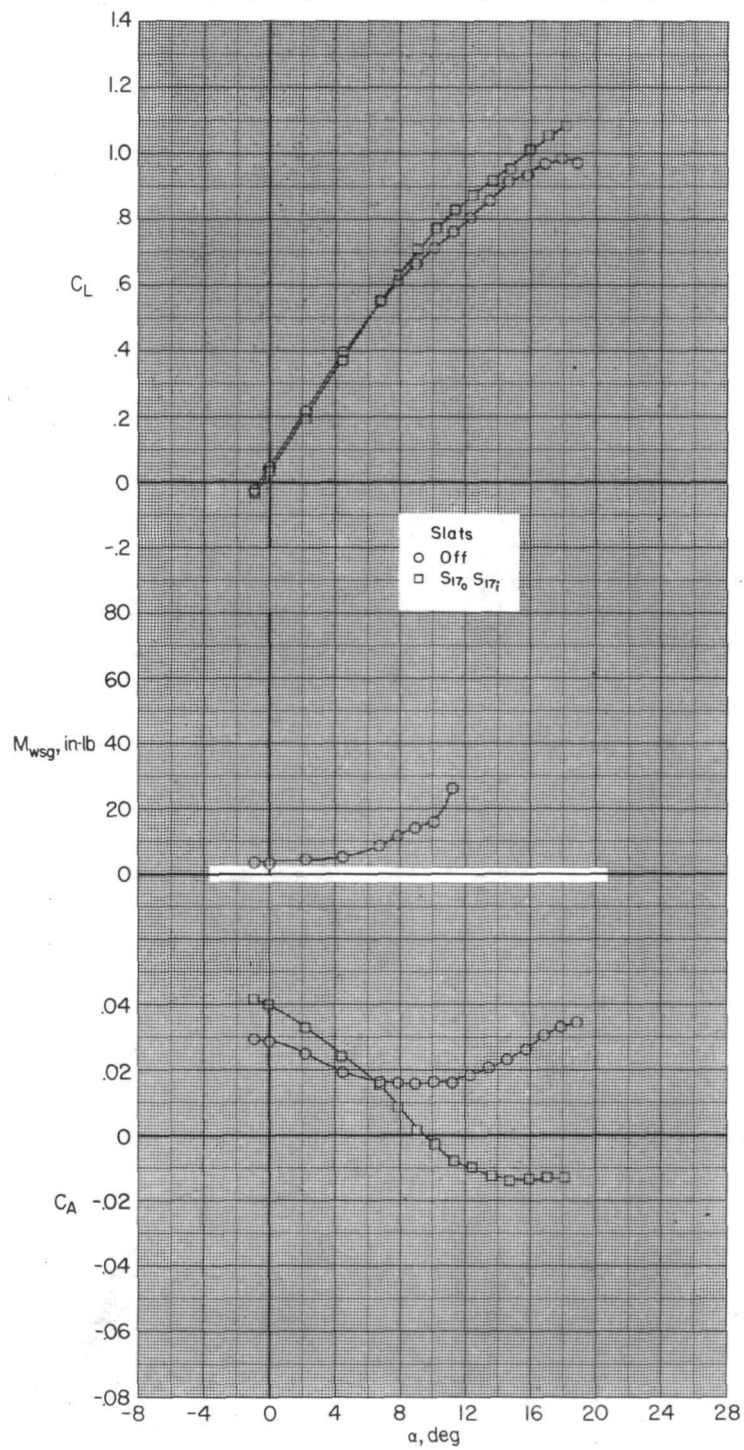
(a)  $M = 0.60$ .

Figure 11.- Effect of the  $S_{17_0} S_{17_i}$  slat arrangement on the longitudinal characteristics of configuration 1.



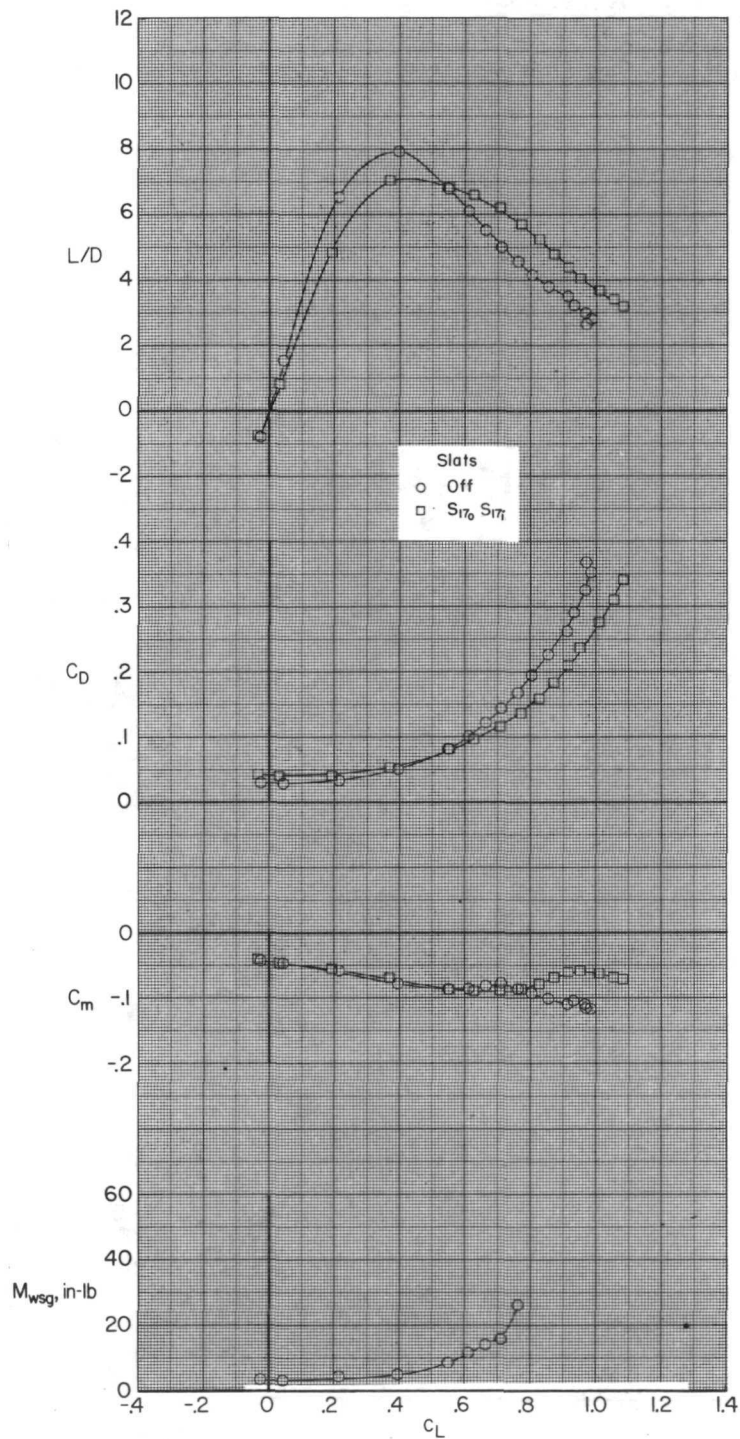
(a) Concluded.

Figure 11.- Continued.



(b)  $M = 0.90$ .

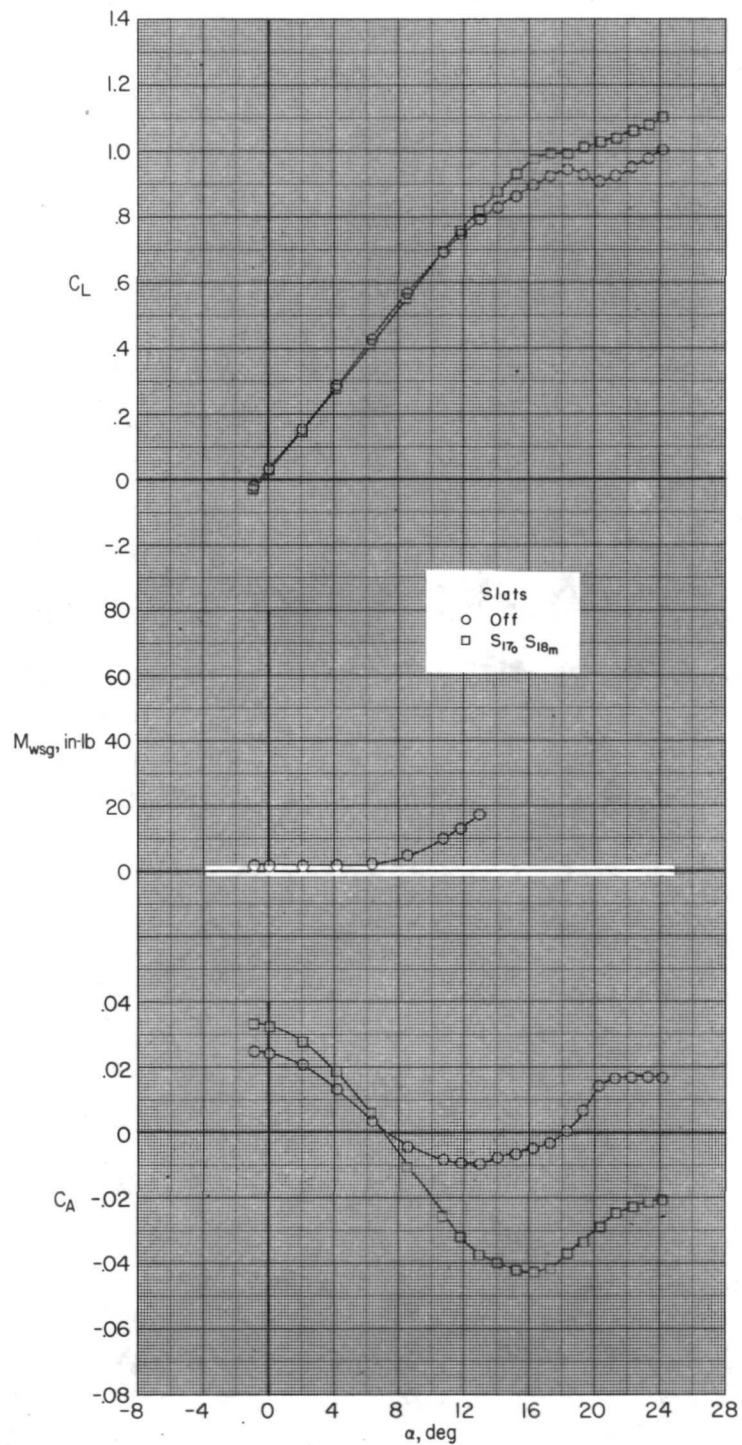
Figure 11.- Continued.



(b) Concluded.

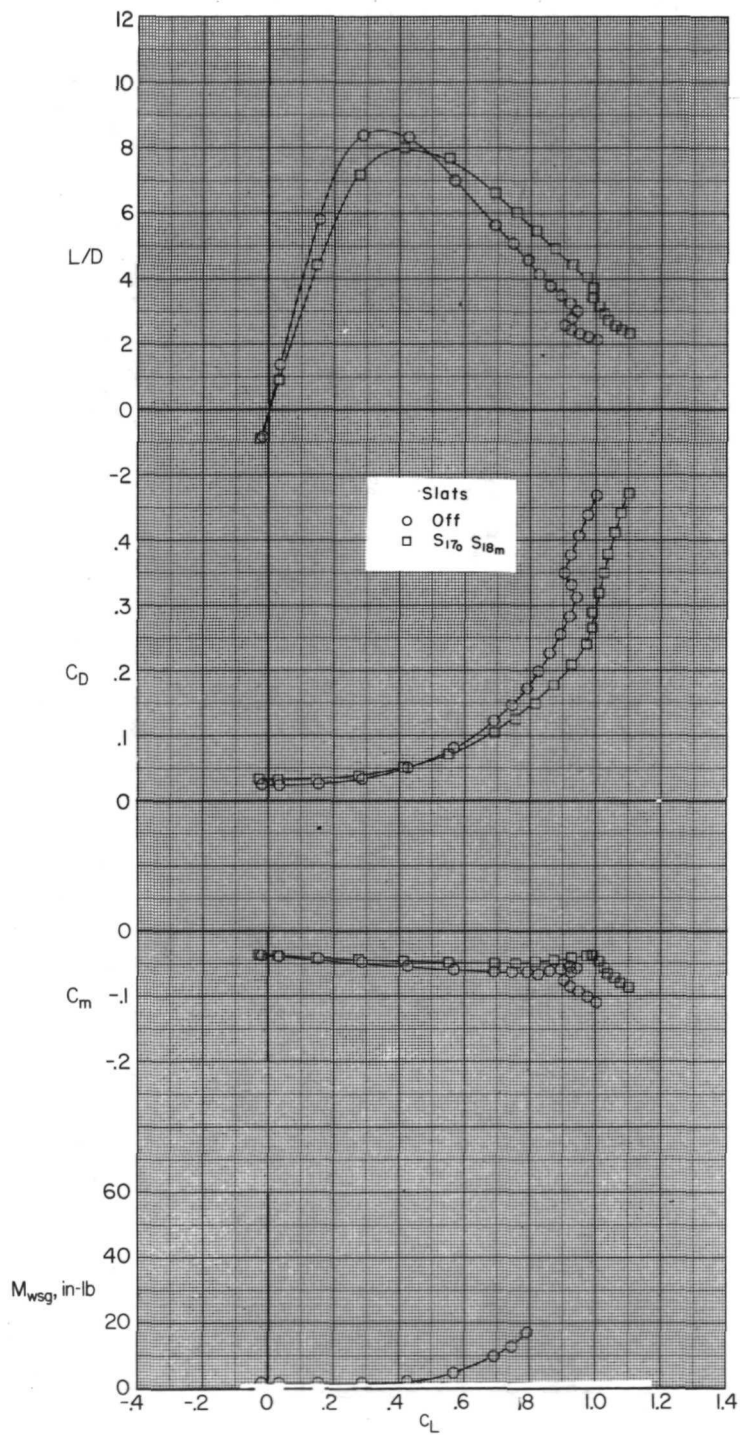
Figure 11.- Concluded.





(a)  $M = 0.60$ .

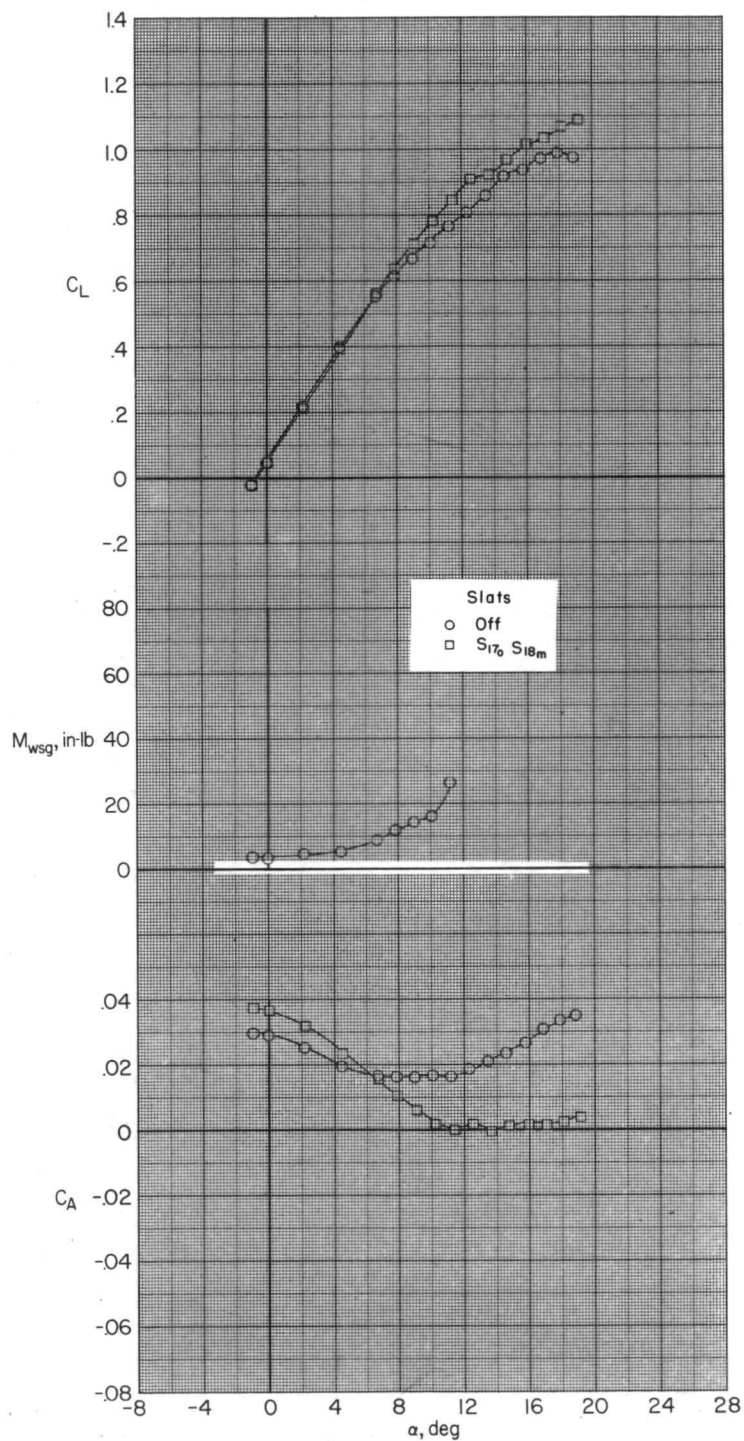
Figure 12.- Effect of the  $S_{17_0} S_{18_m}$  slat arrangement on the longitudinal characteristics of configuration 1.



(a) Concluded.

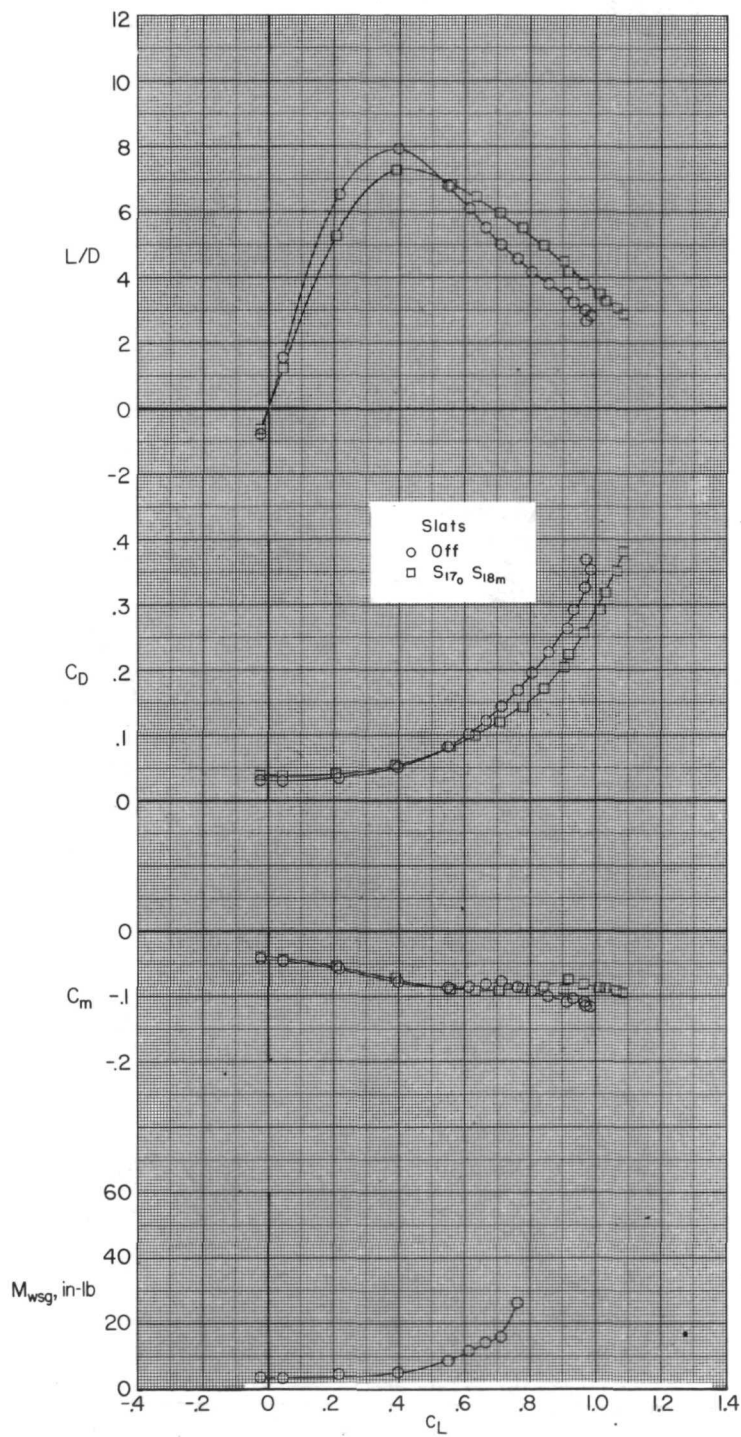
Figure 12.- Continued.





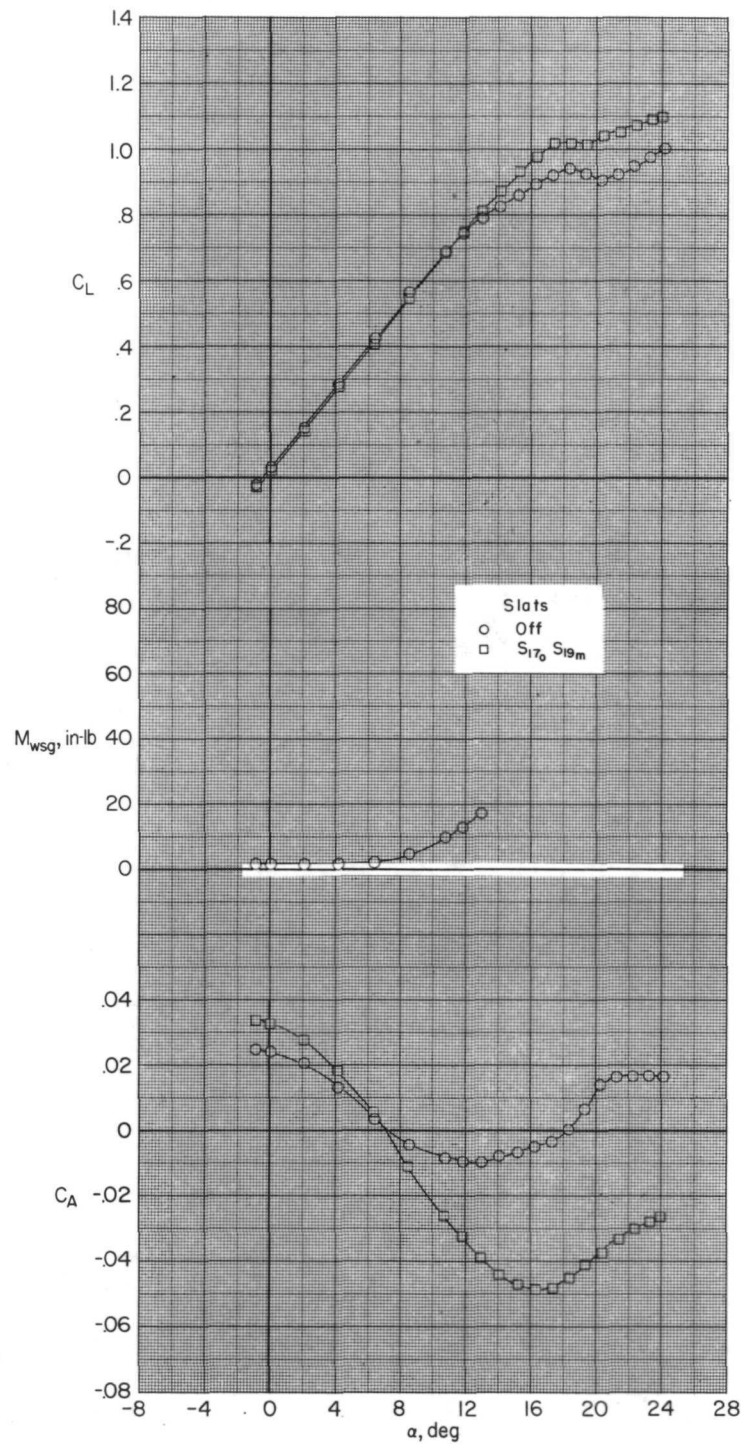
(b)  $M = 0.90$ .

Figure 12.- Continued.



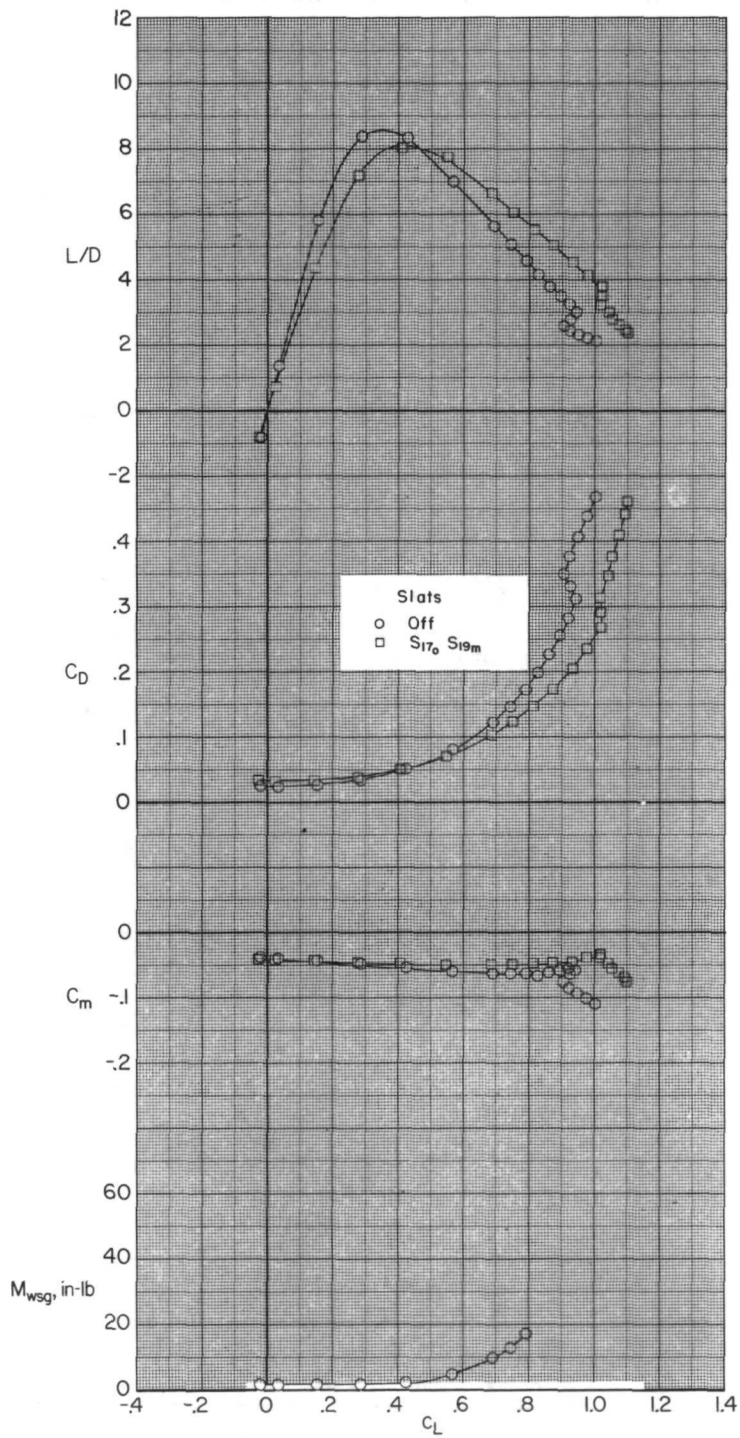
(b) Concluded.

Figure 12.- Concluded.



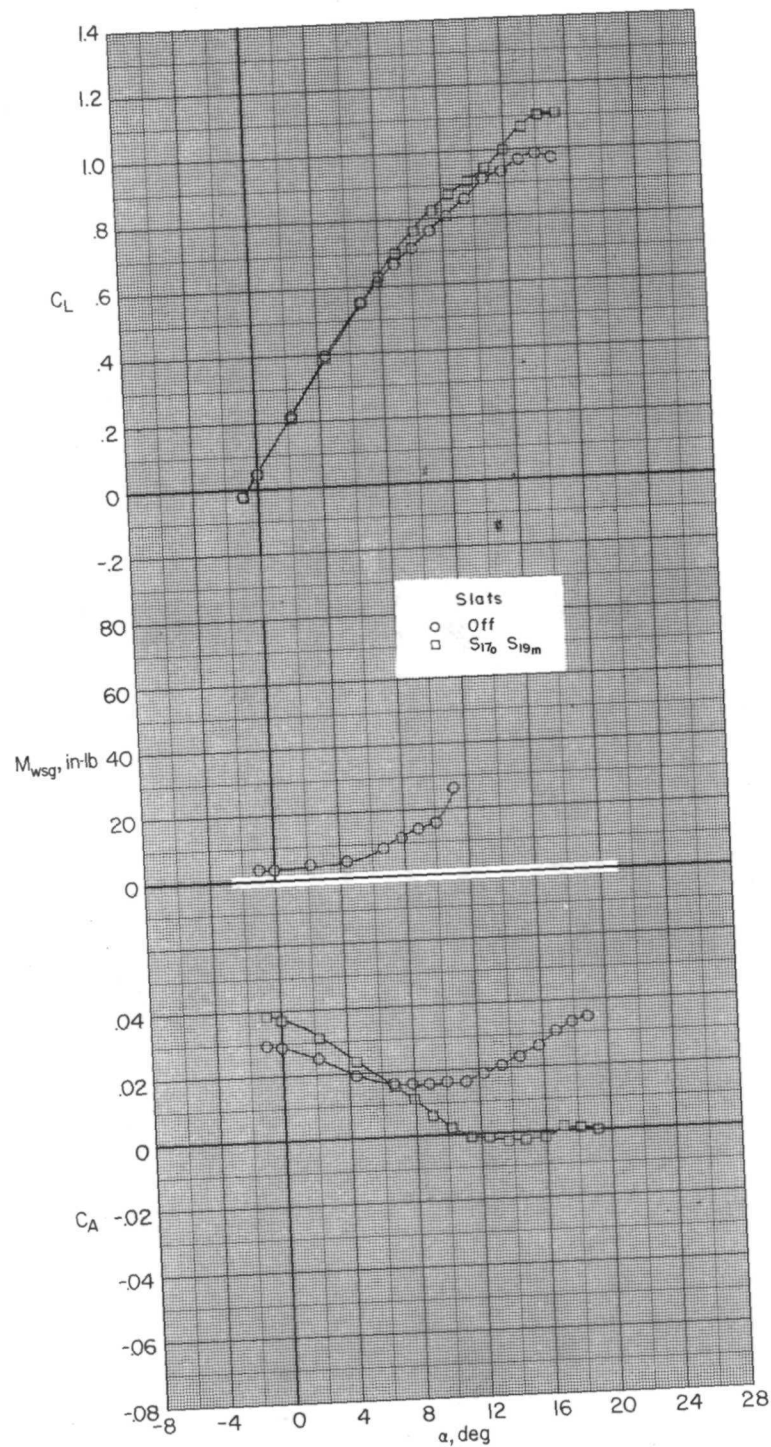
(a)  $M = 0.60$ .

Figure 13.- Effect of the  $S_{17_0} S_{19_m}$  slat arrangement on the longitudinal characteristics of configuration 1.



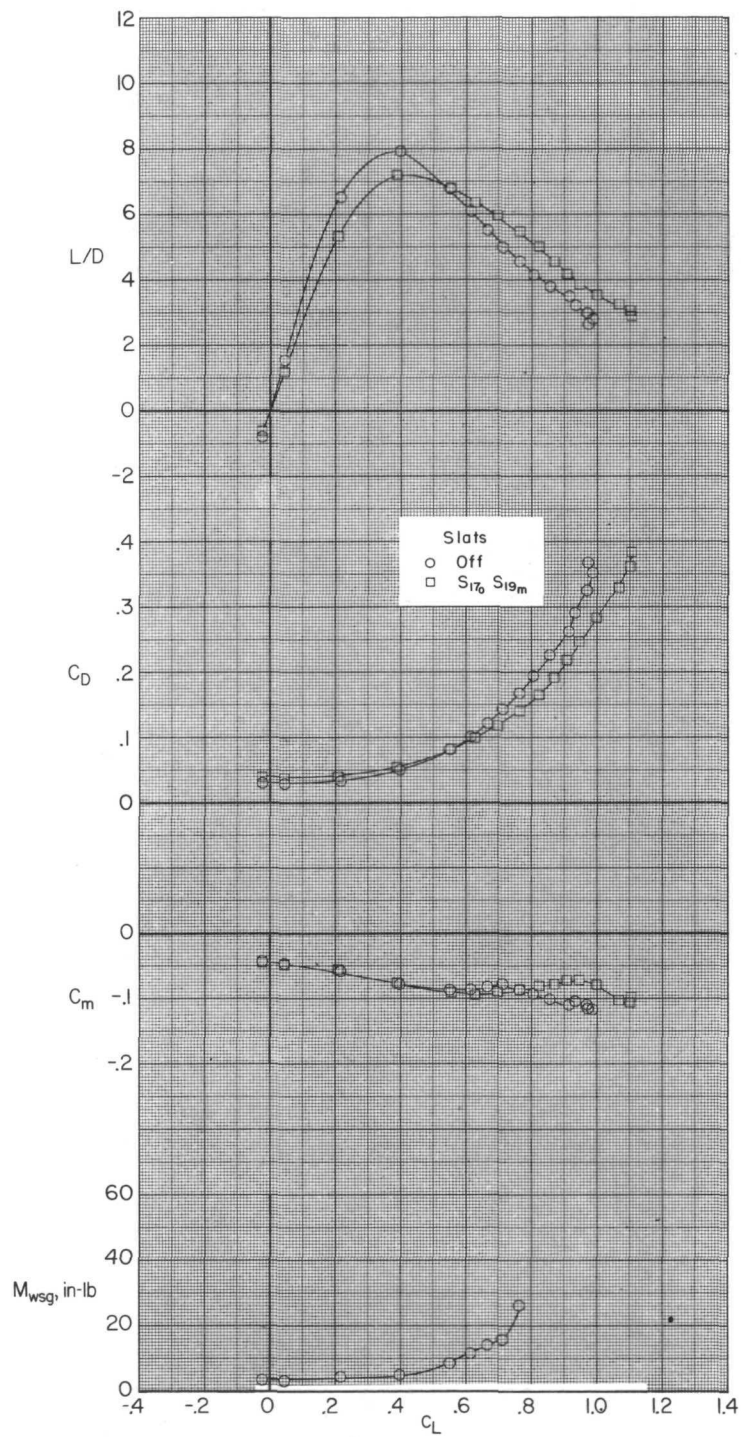
(a) Concluded.

Figure 13.- Continued.



(b)  $M = 0.90$ .

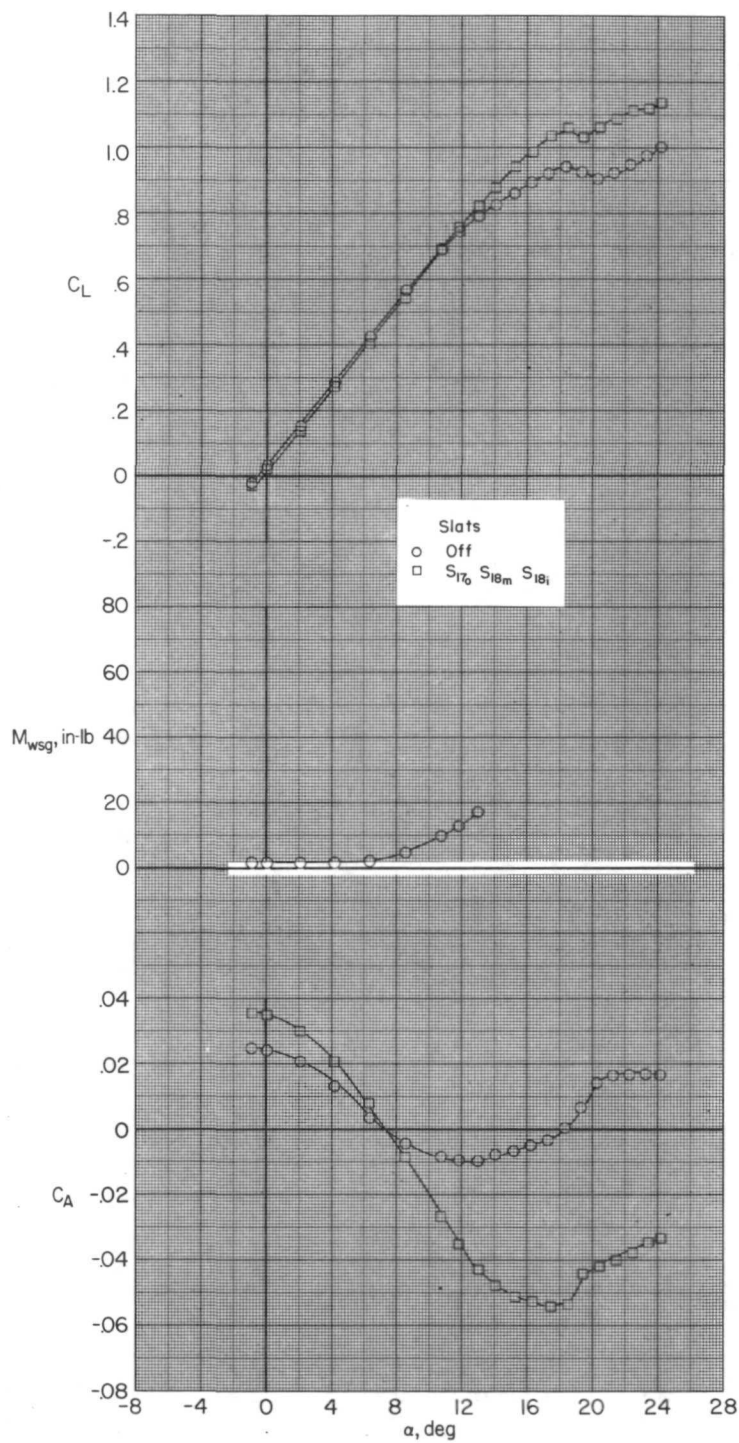
Figure 13.- Continued.



(b) Concluded.

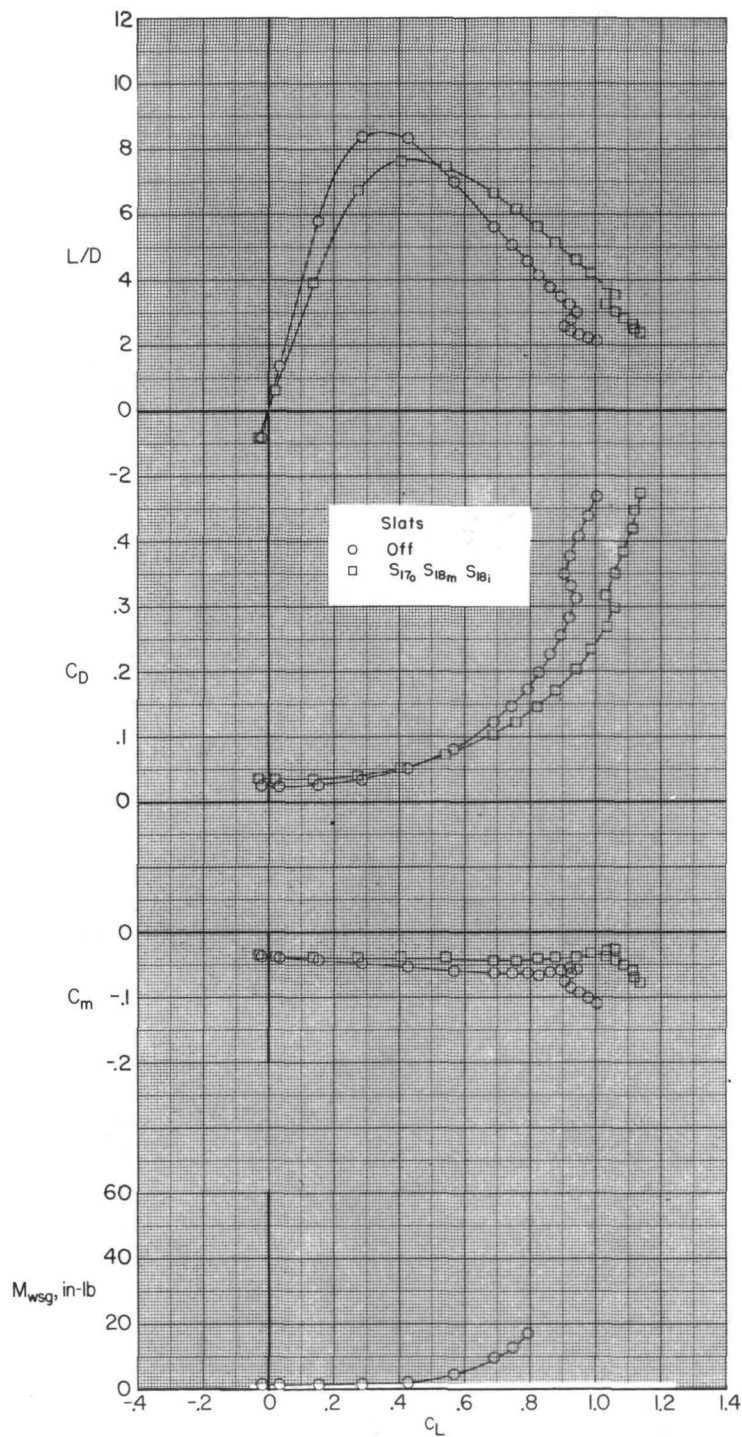
Figure 13.- Concluded.





(a)  $M = 0.60$ .

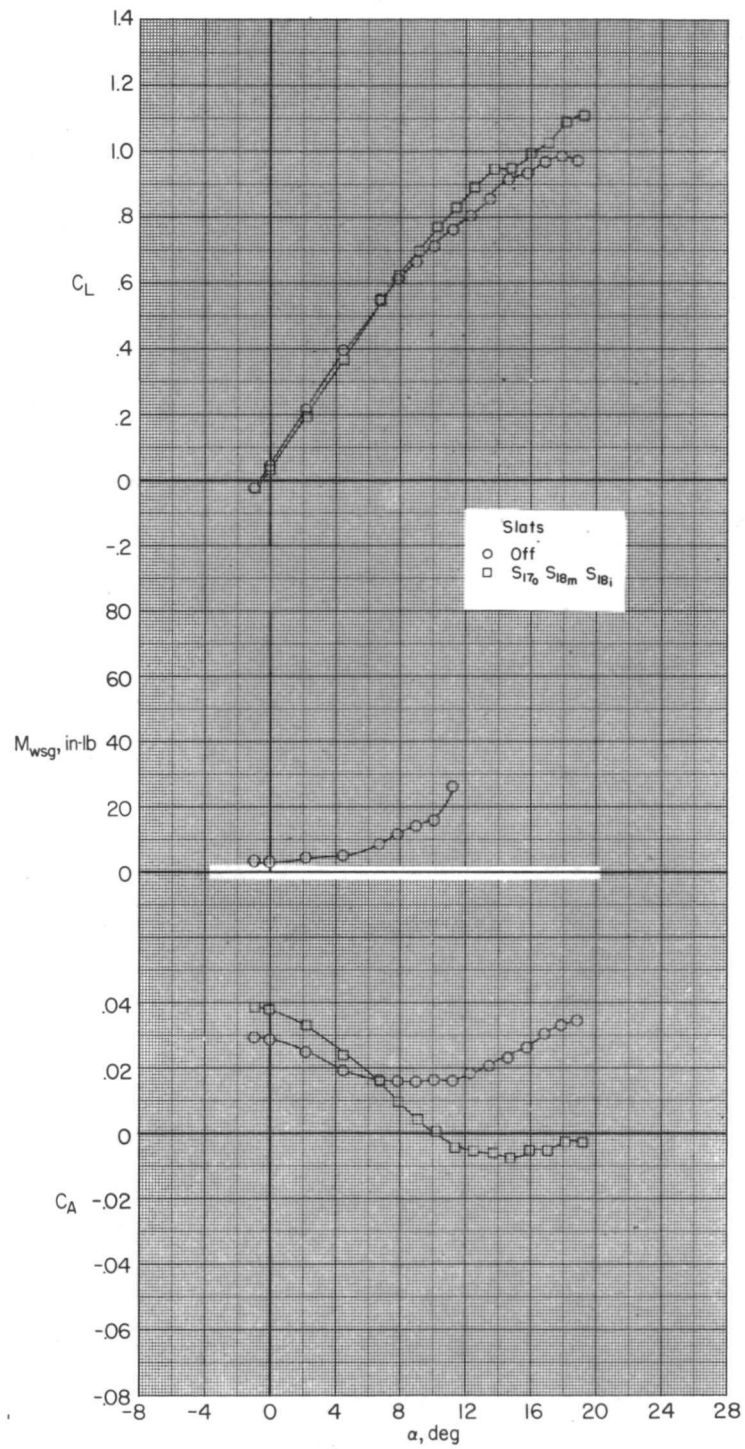
Figure 14.- Effect of the  $S_{17o}$   $S_{18m}$   $S_{18i}$  slat arrangement on the longitudinal characteristics of configuration 1.



(a) Concluded.

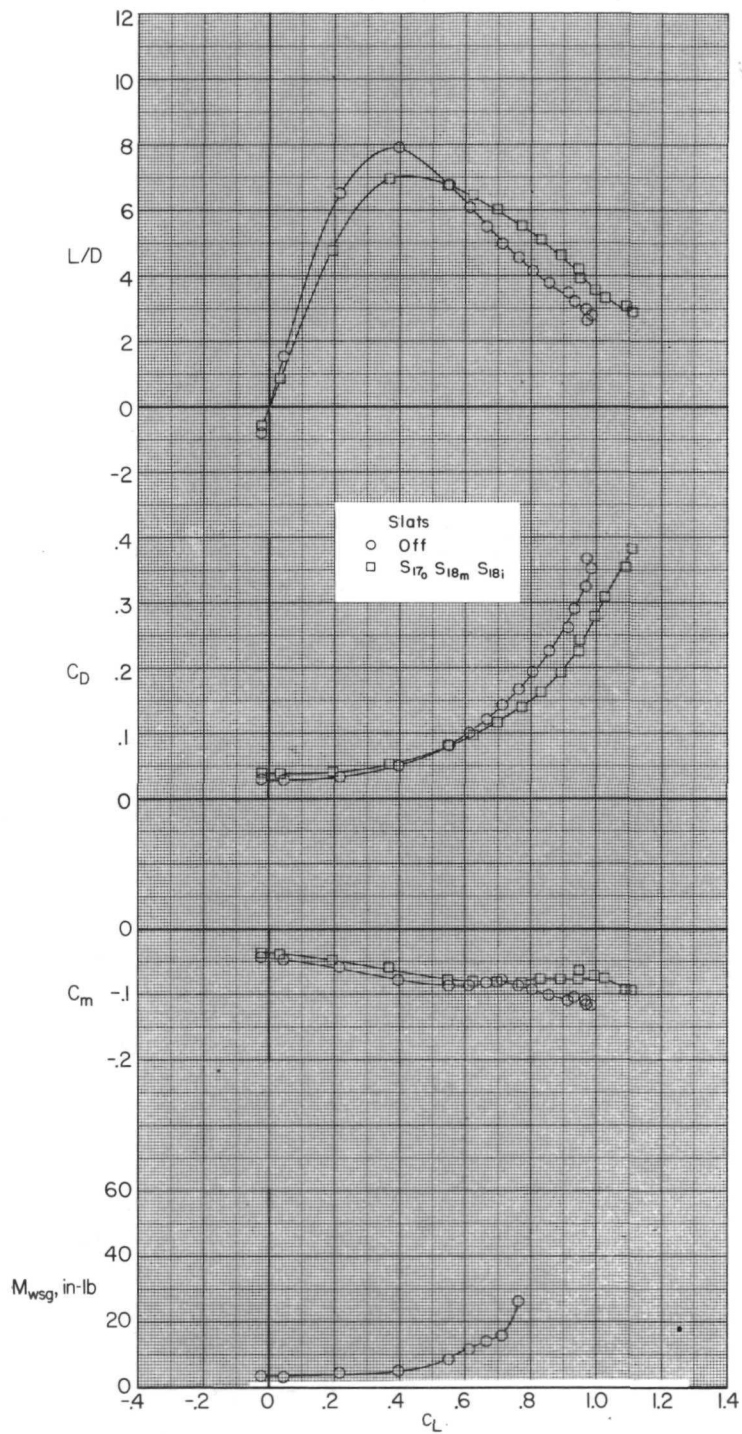
Figure 14.- Continued.





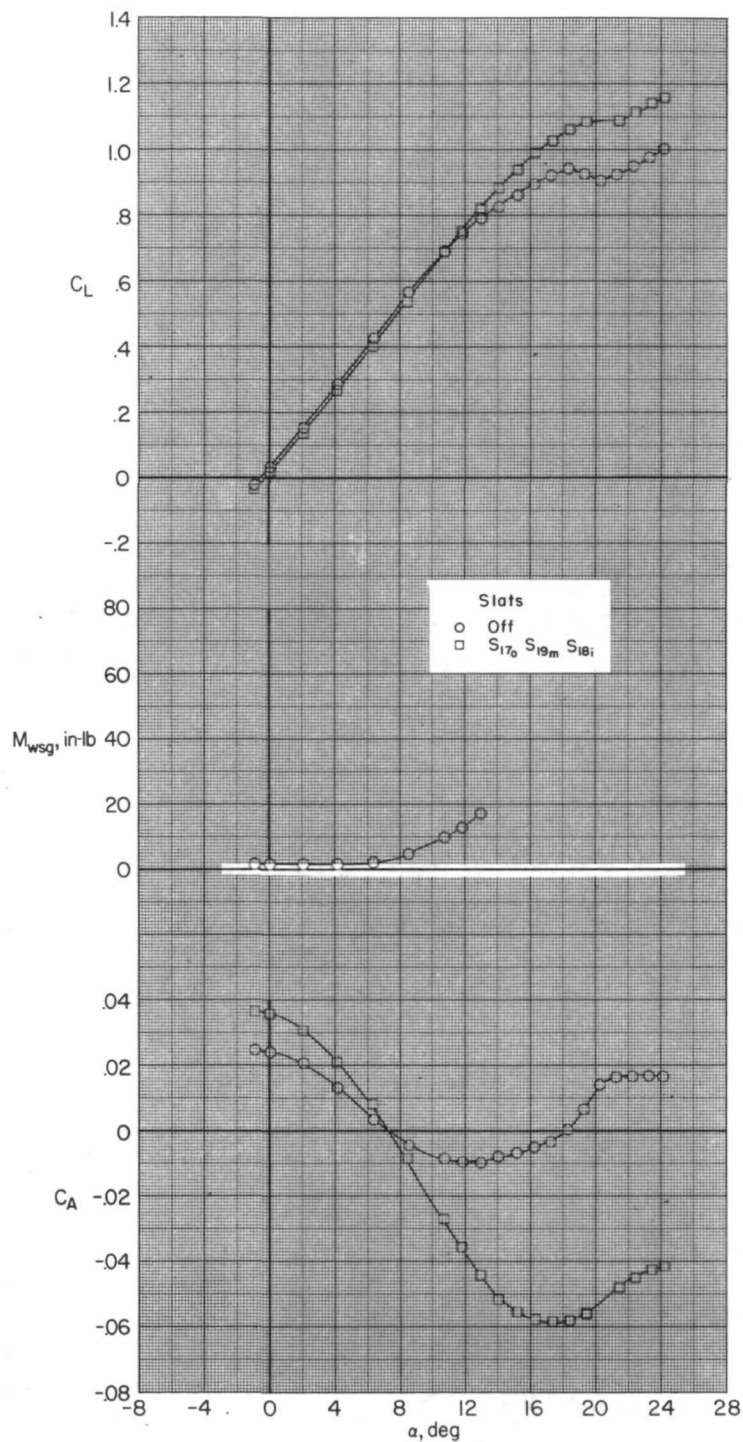
(b)  $M = 0.90$ .

Figure 14.- Continued.



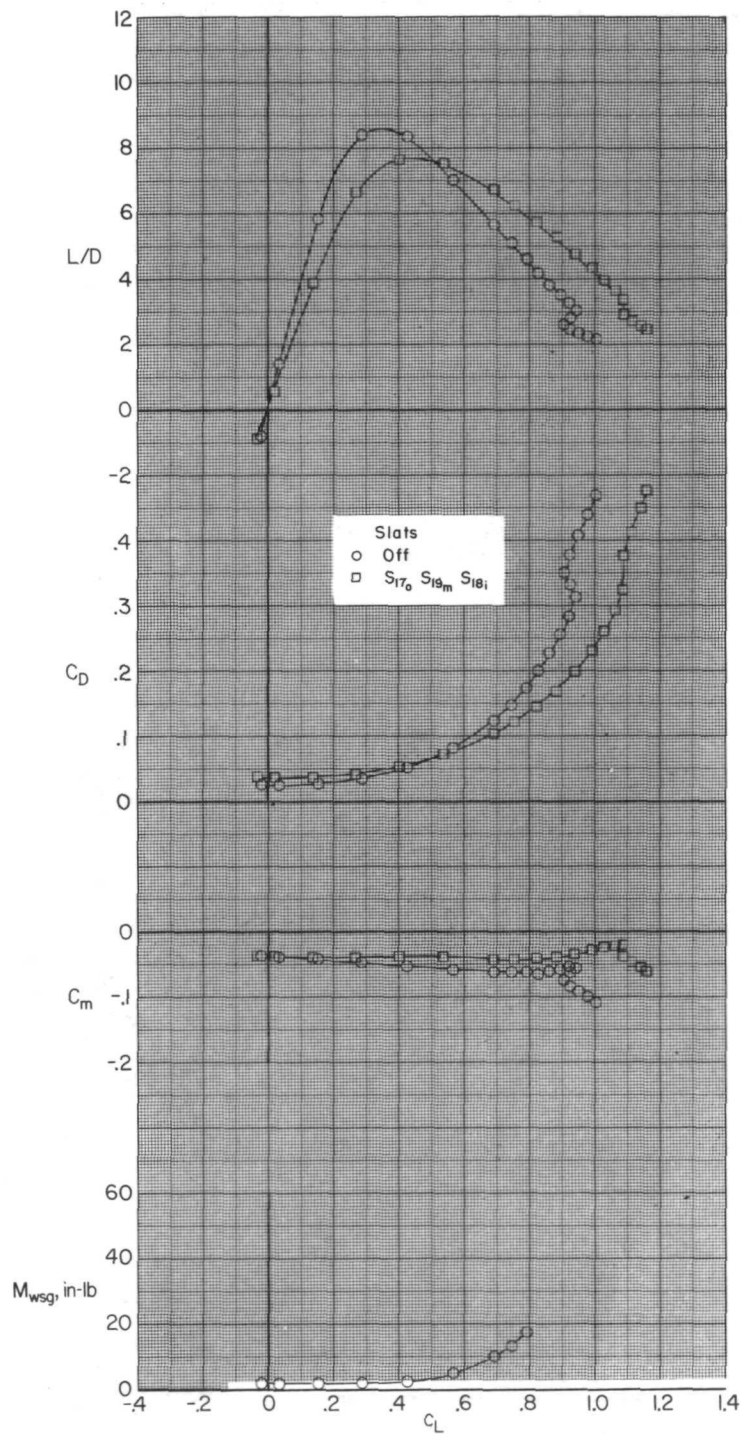
(b) Concluded.

Figure 14.- Concluded.



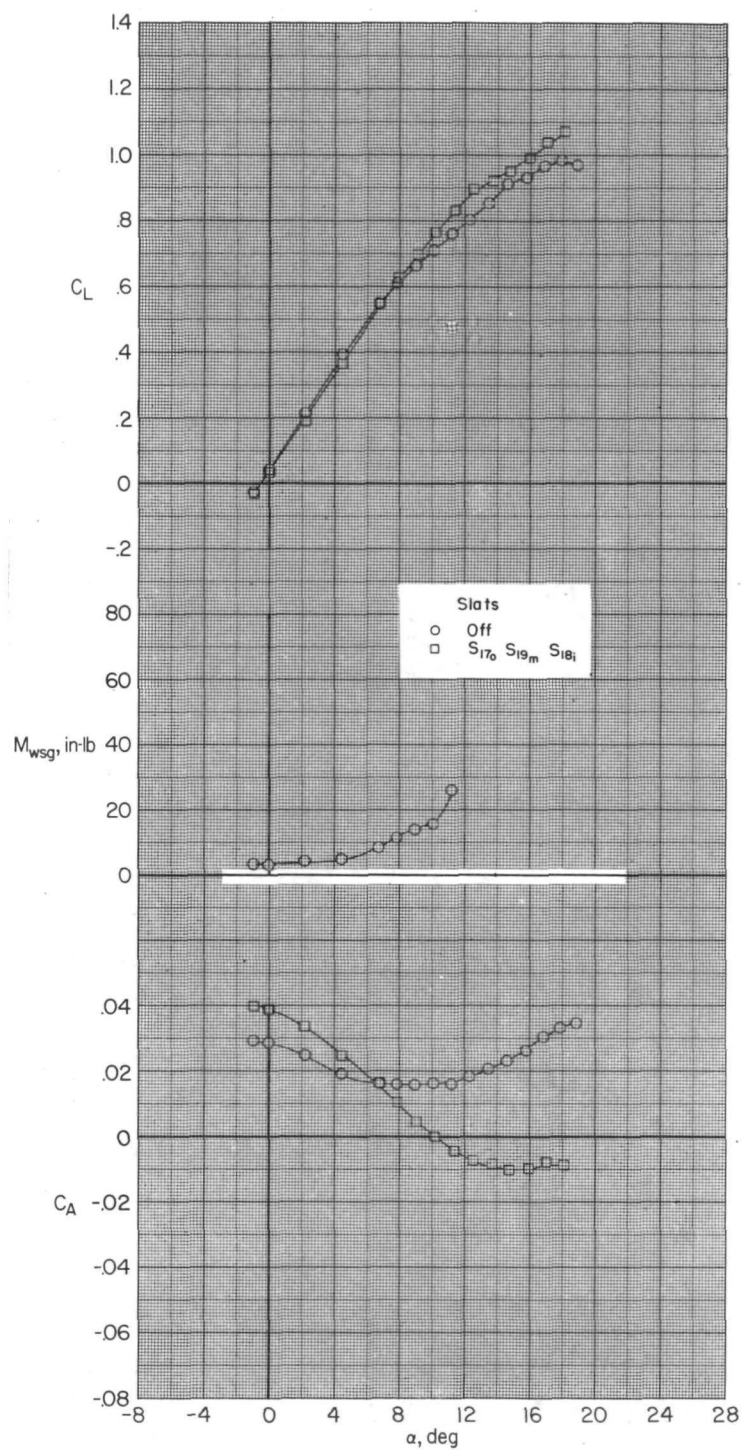
(a)  $M = 0.60$ .

Figure 15.- Effect of the  $S_{17o}S_{19m}S_{18i}$  slat arrangement on the longitudinal characteristics of configuration 1.



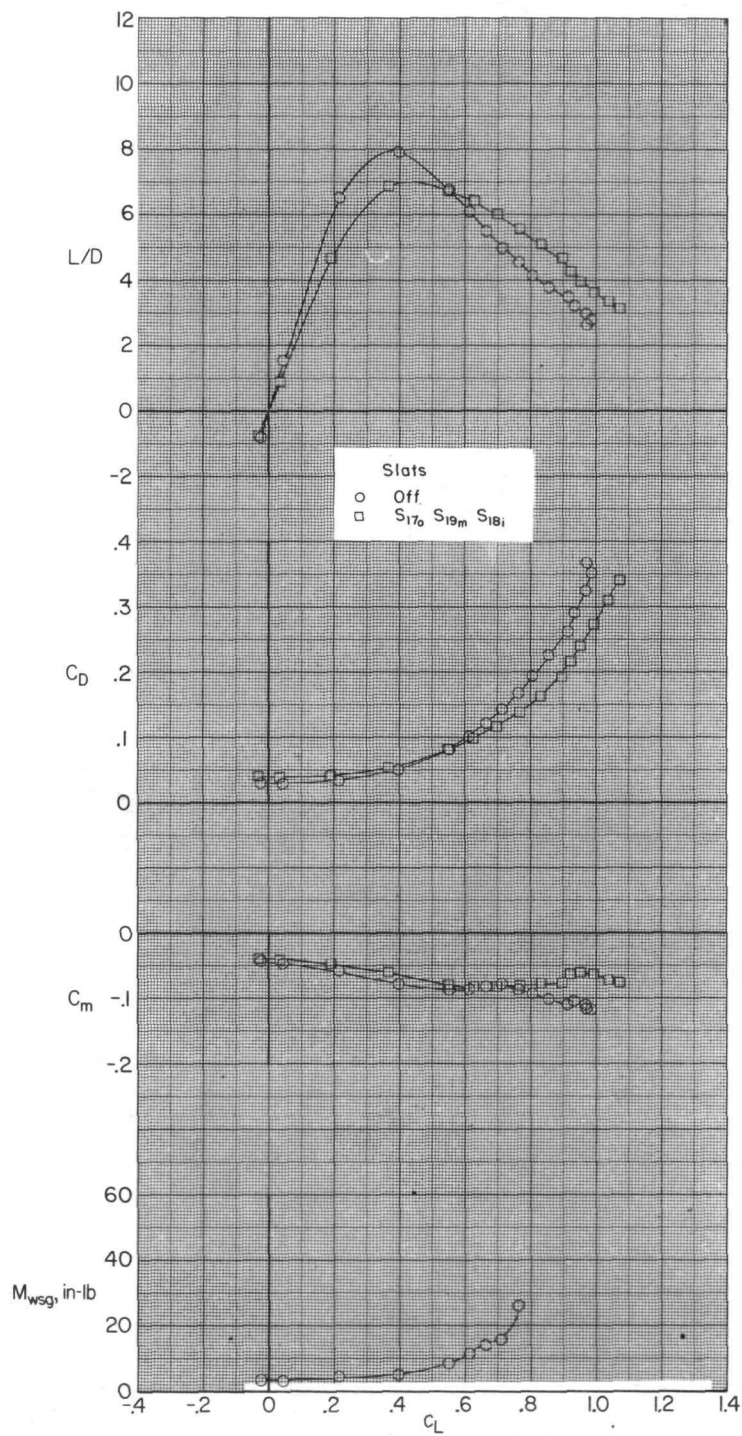
(a) Concluded.

Figure 15.- Continued.



(b)  $M = 0.90$ .

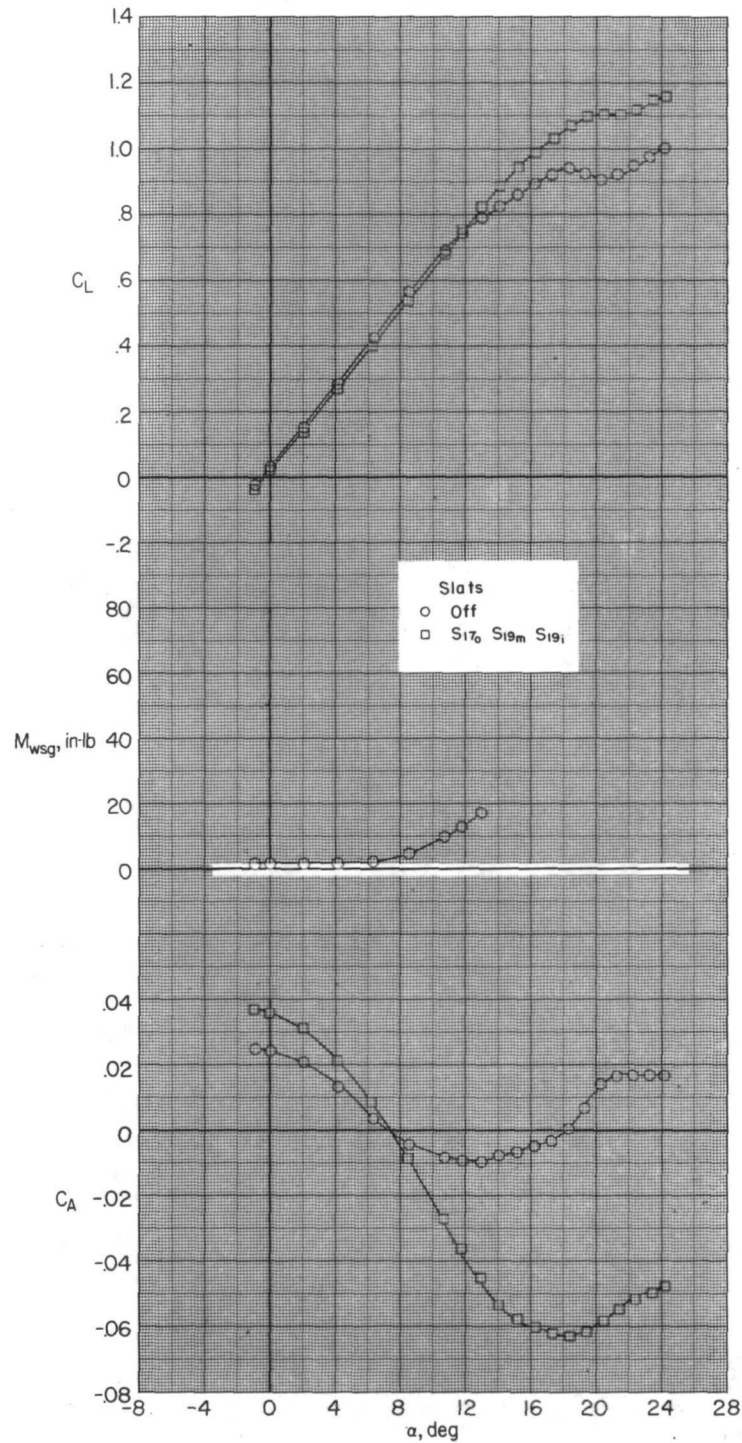
Figure 15.- Continued.



(b) Concluded.

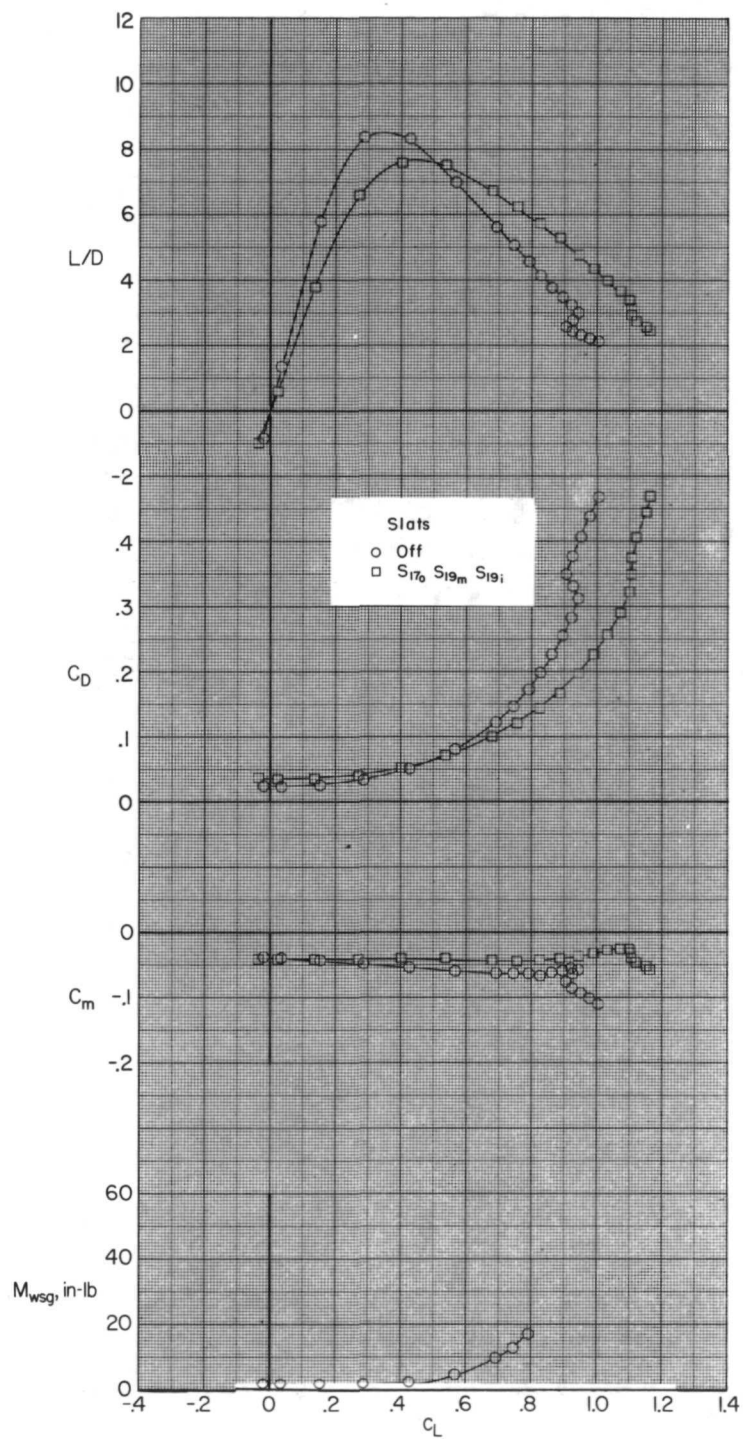
Figure 15.- Concluded.





(a)  $M = 0.60$ .

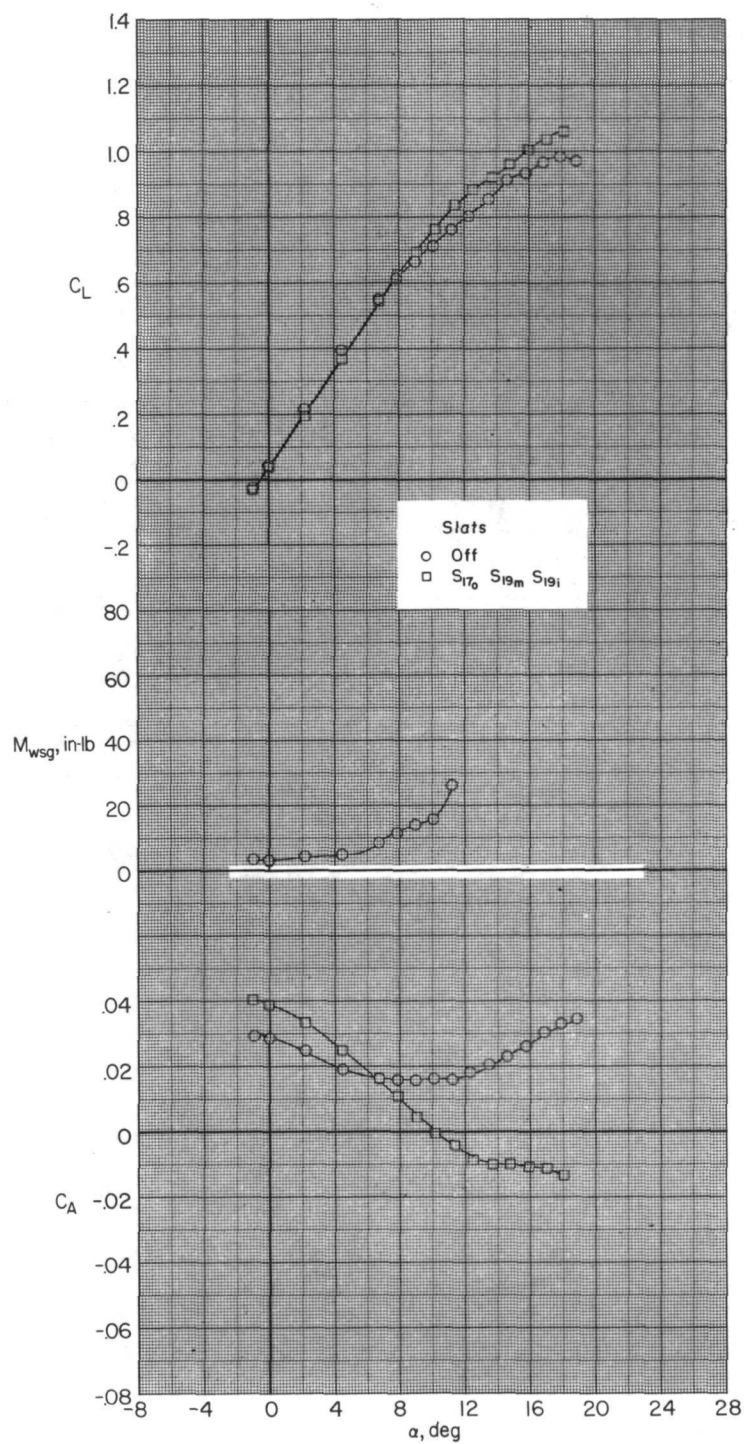
Figure 16.- Effect of the  $S_{17_0} S_{19_m} S_{19_i}$  slat arrangement on the longitudinal characteristics of configuration 1.



(a) Concluded.

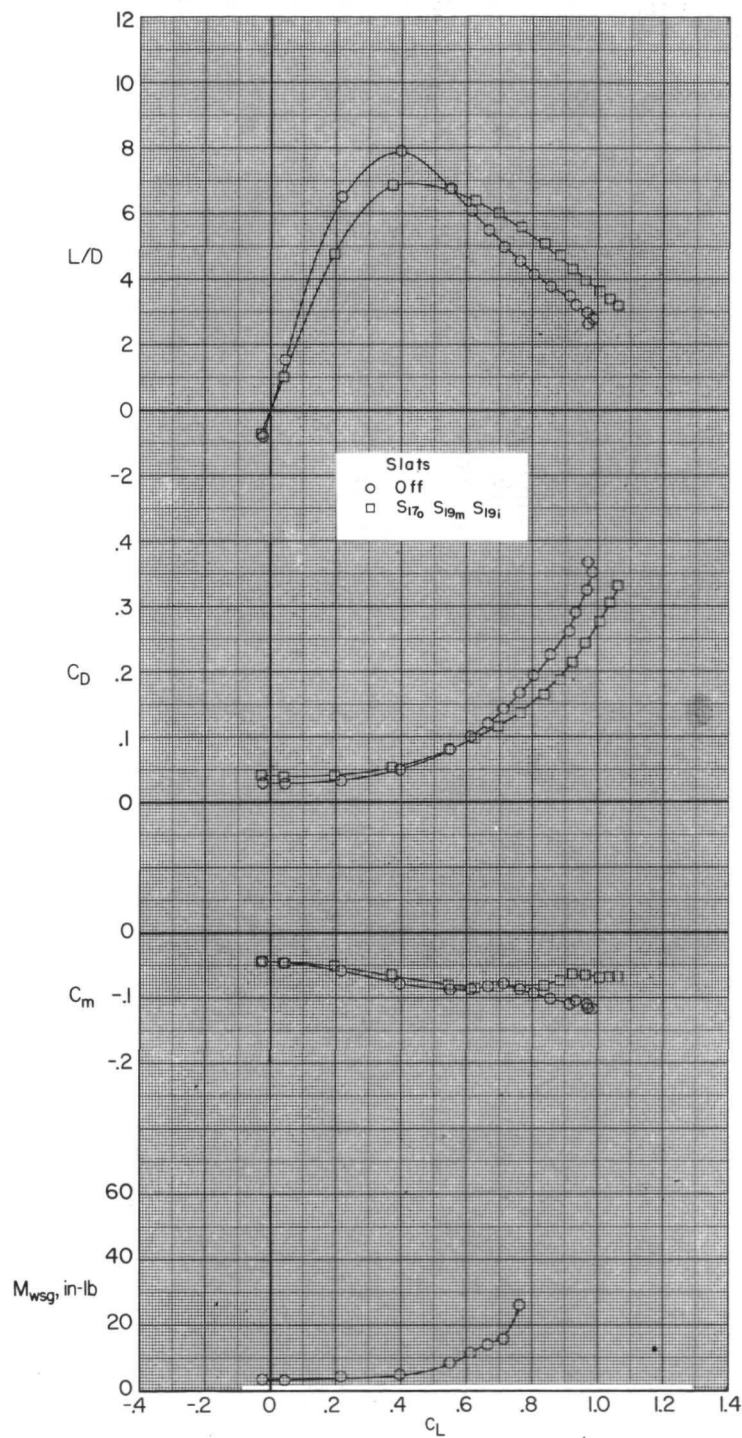
Figure 16.- Continued.





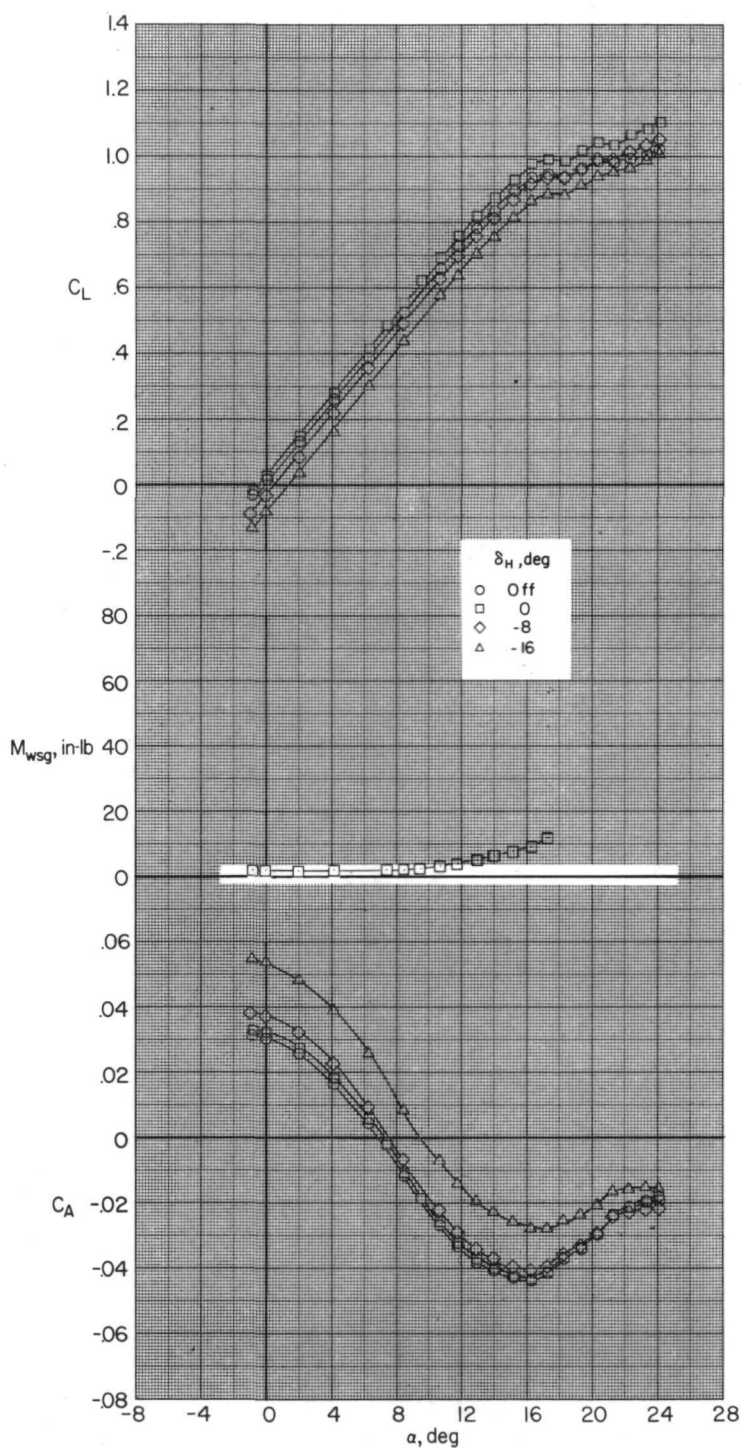
(b)  $M = 0.90$ .

Figure 16.- Continued.



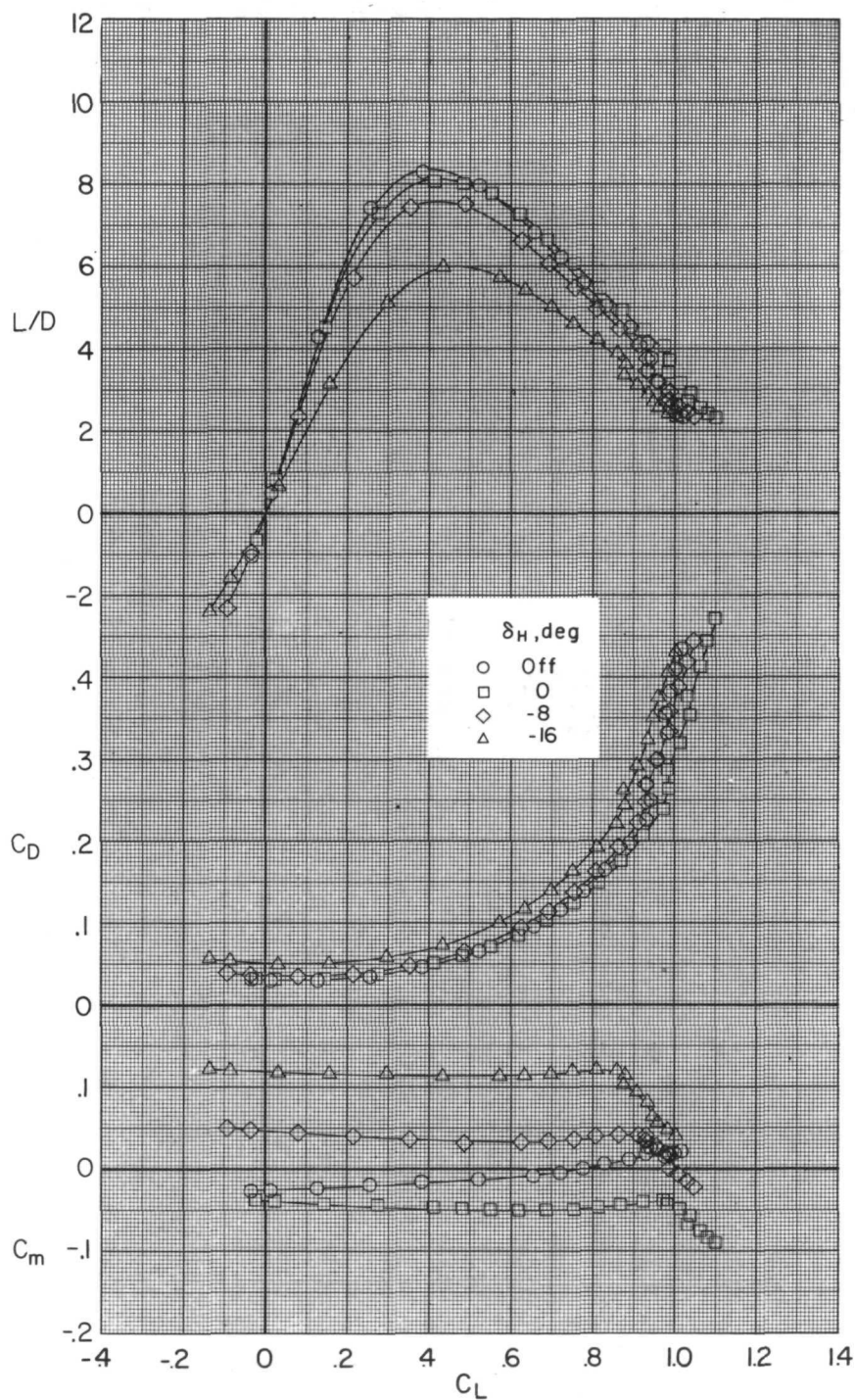
(b) Concluded.

Figure 16.- Concluded.



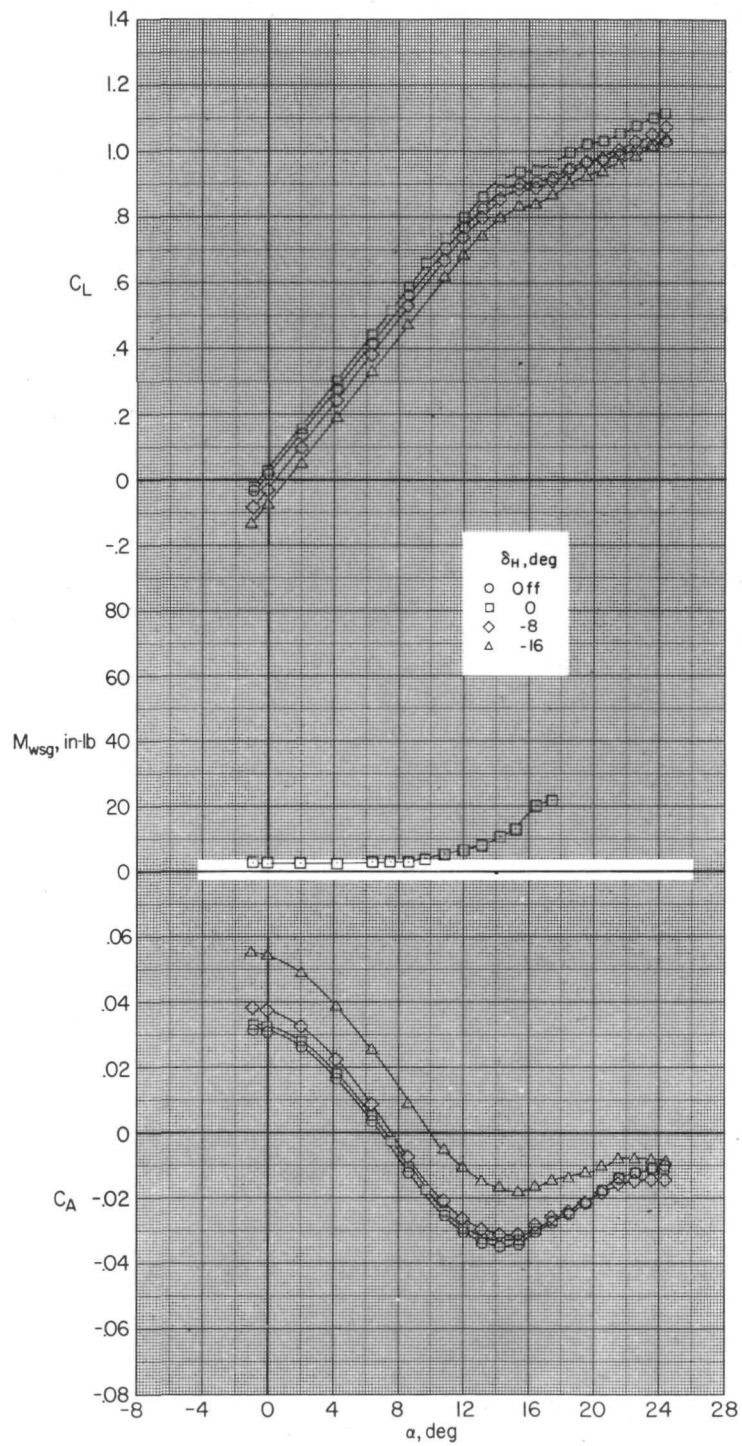
(a)  $M = 0.60$ .

Figure 17.- Effect of horizontal-tail addition and deflections on the longitudinal characteristics of configuration 1 with the  $S_{17O} S_{18m}$  slat arrangement.



(a) Concluded.

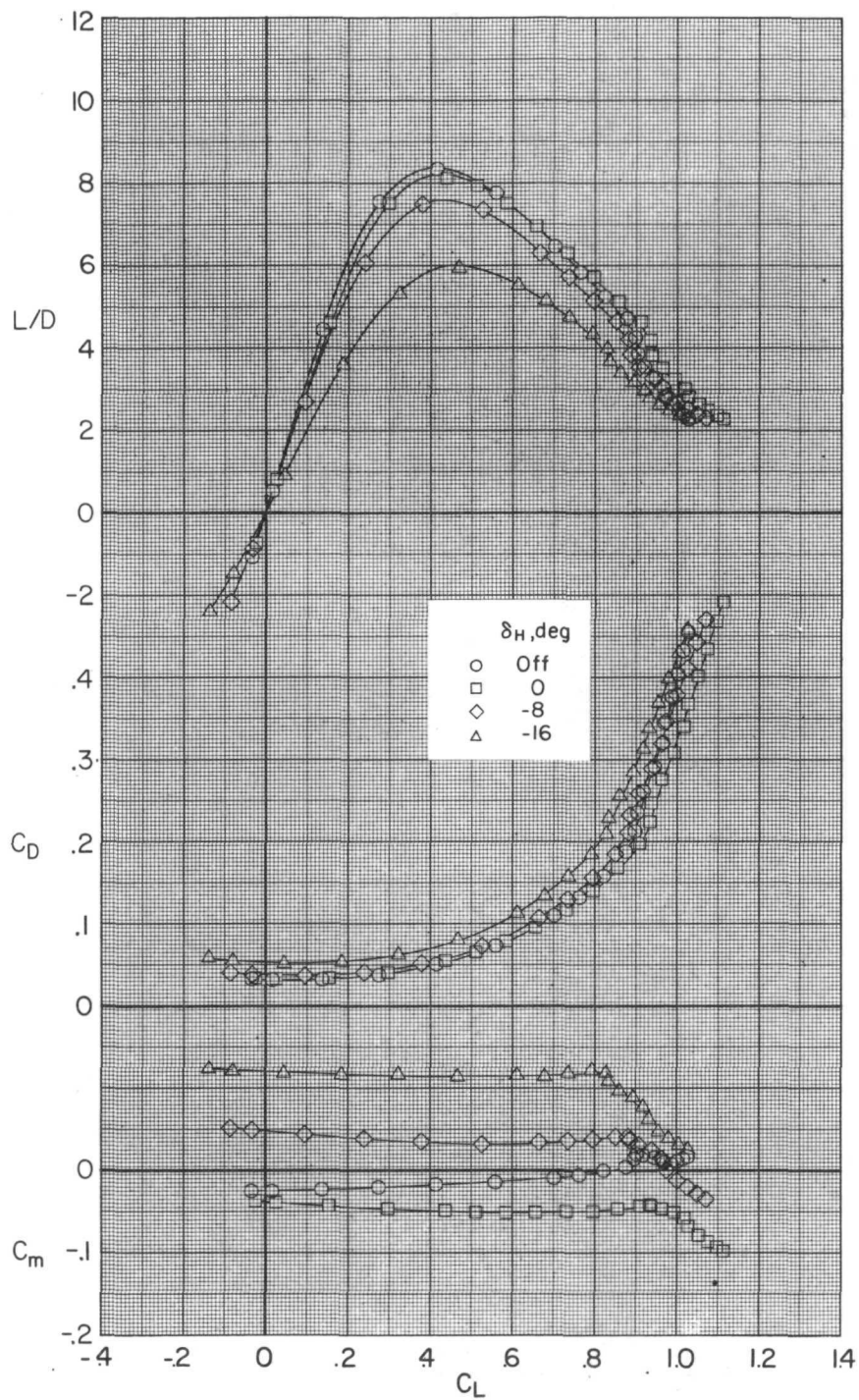
Figure 17.- Continued.



(b)  $M = 0.70$ .

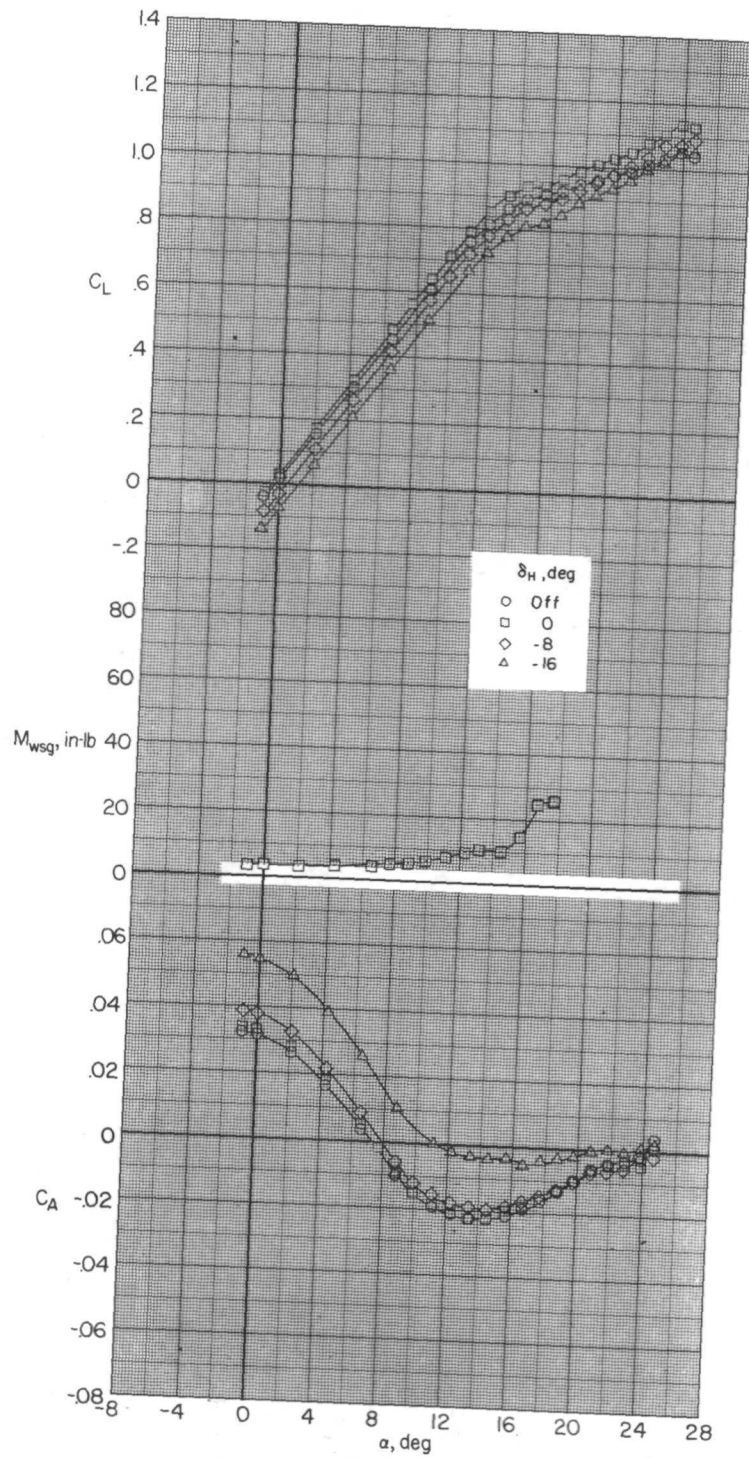
Figure 17.- Continued.





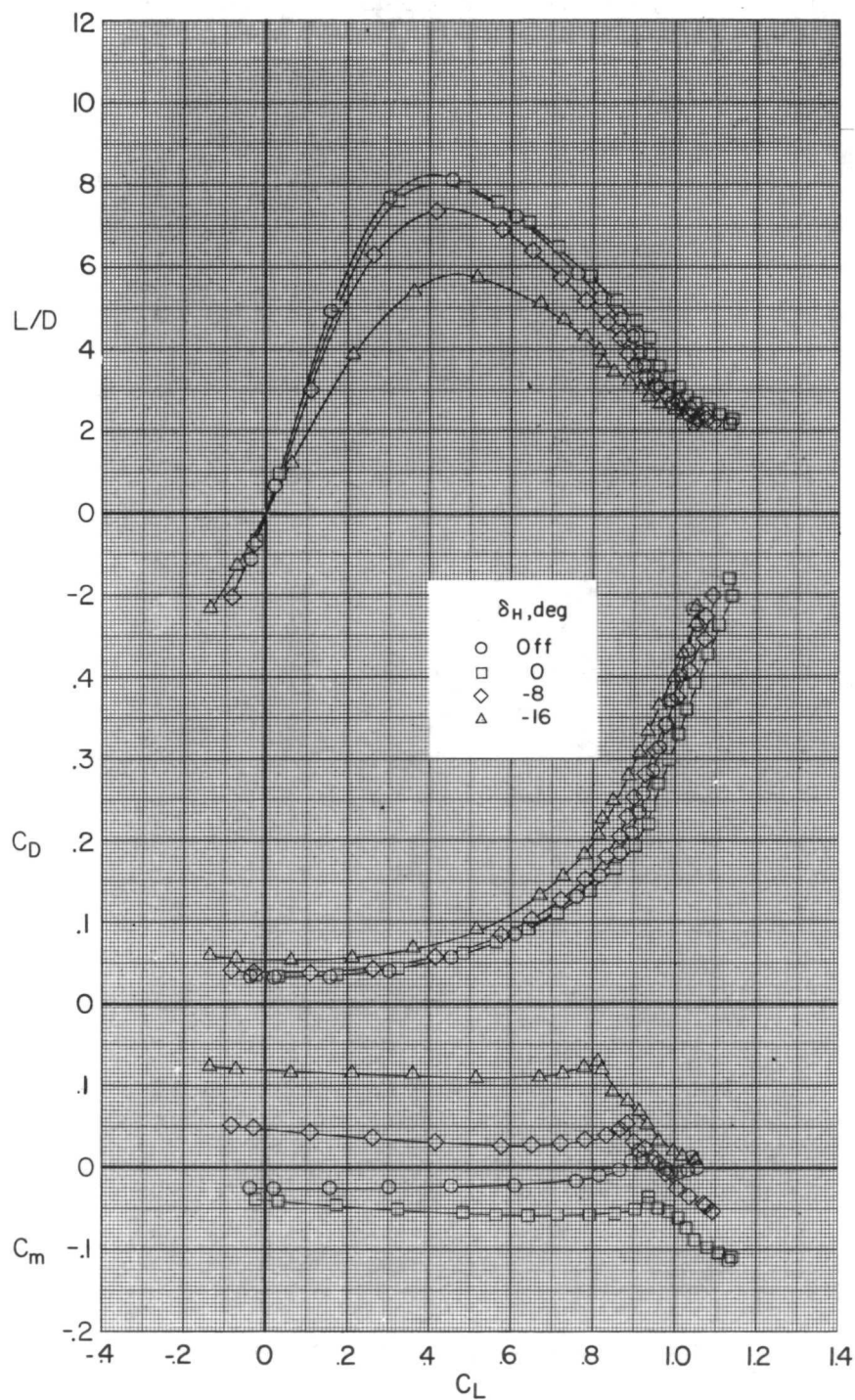
(b) Concluded.

Figure 17.- Continued.



(c)  $M = 0.80$ .

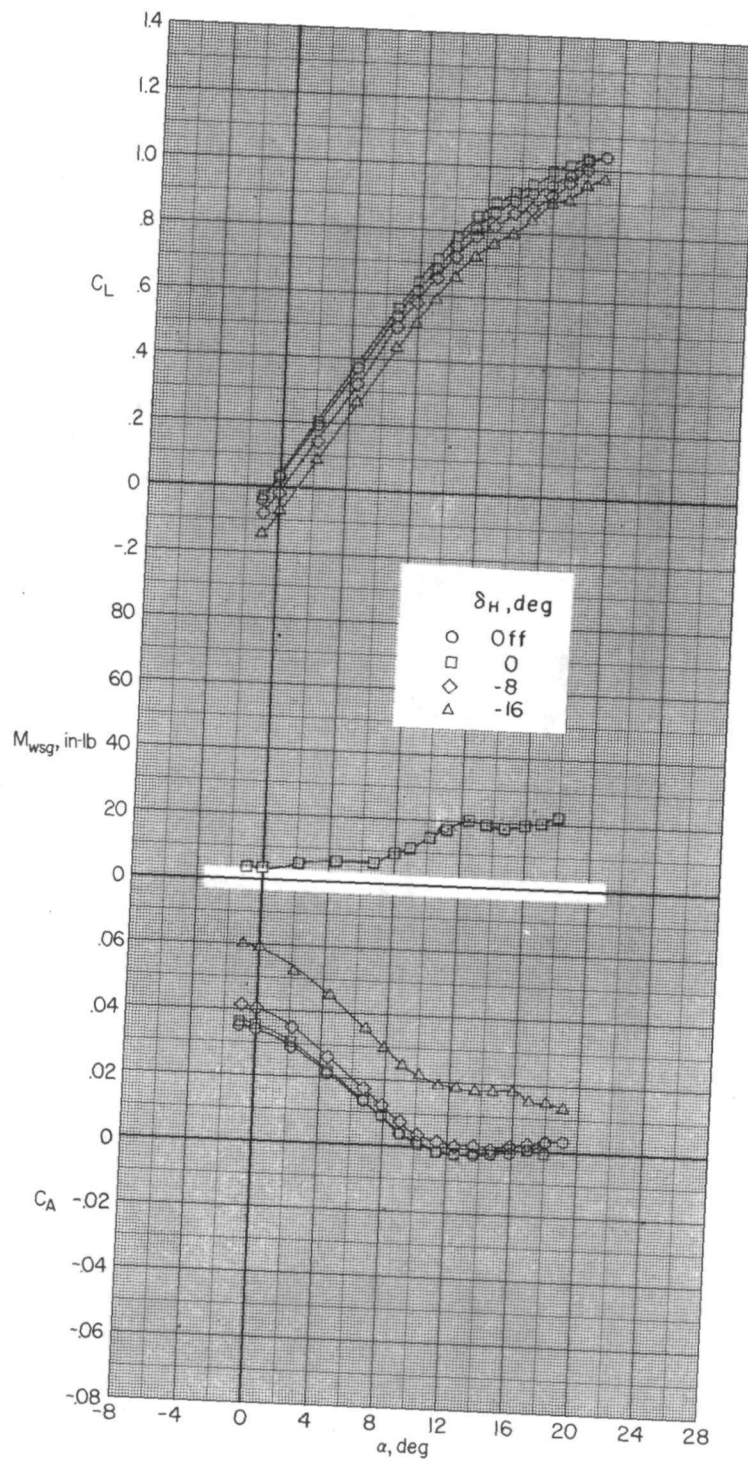
Figure 17.- Continued.



(c) Concluded.

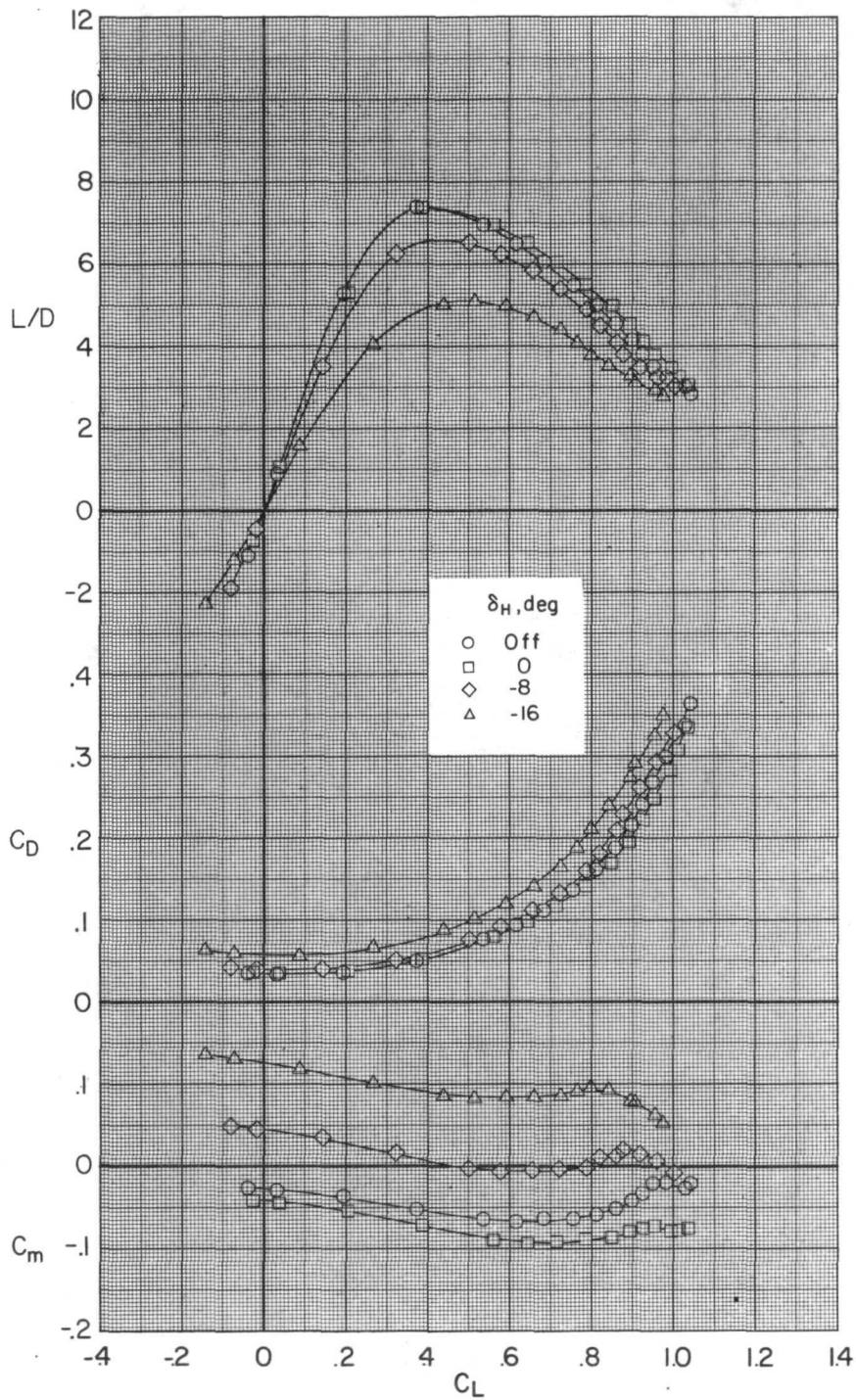
Figure 17.- Continued.





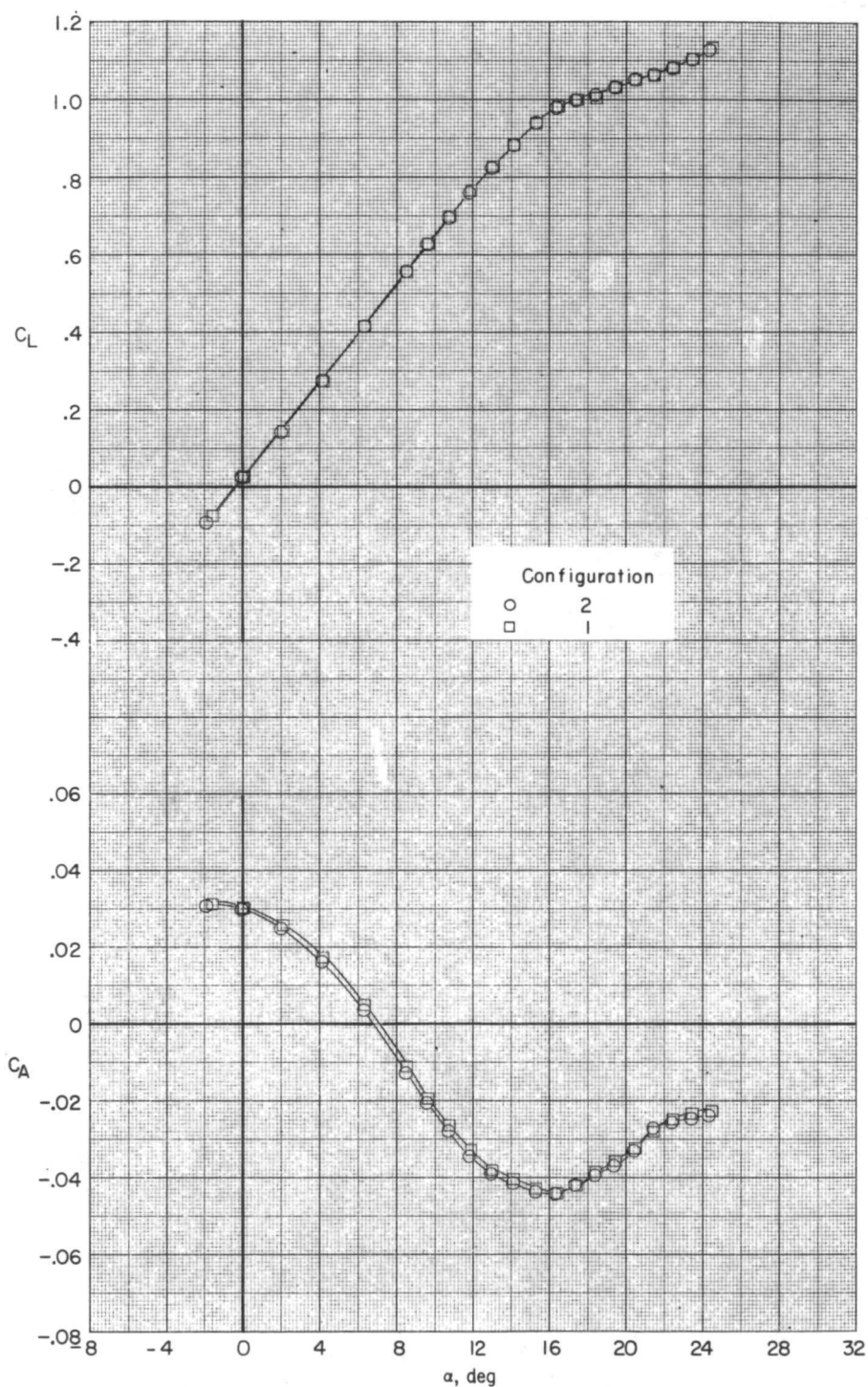
(d)  $M = 0.90$ .

Figure 17.- Continued.



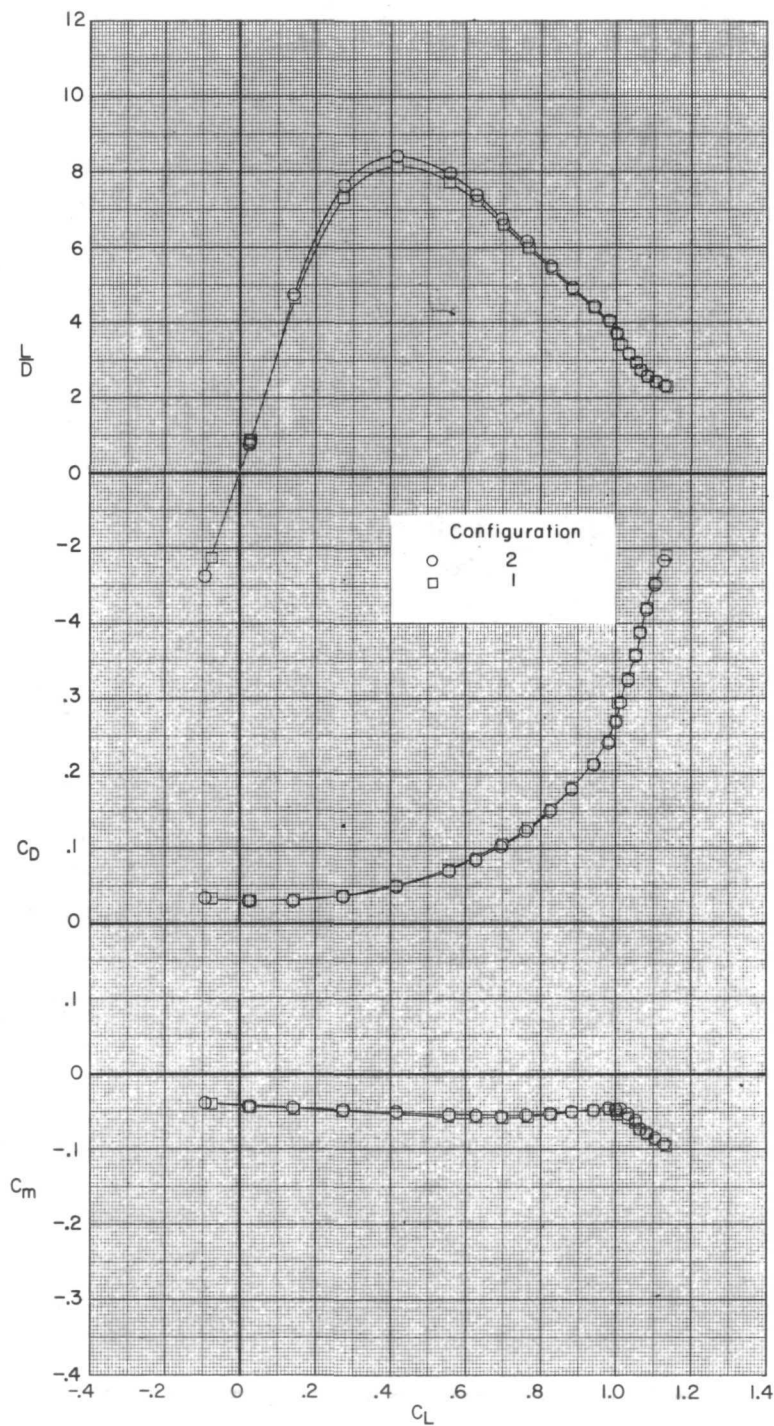
(d) Concluded.

Figure 17.- Concluded.



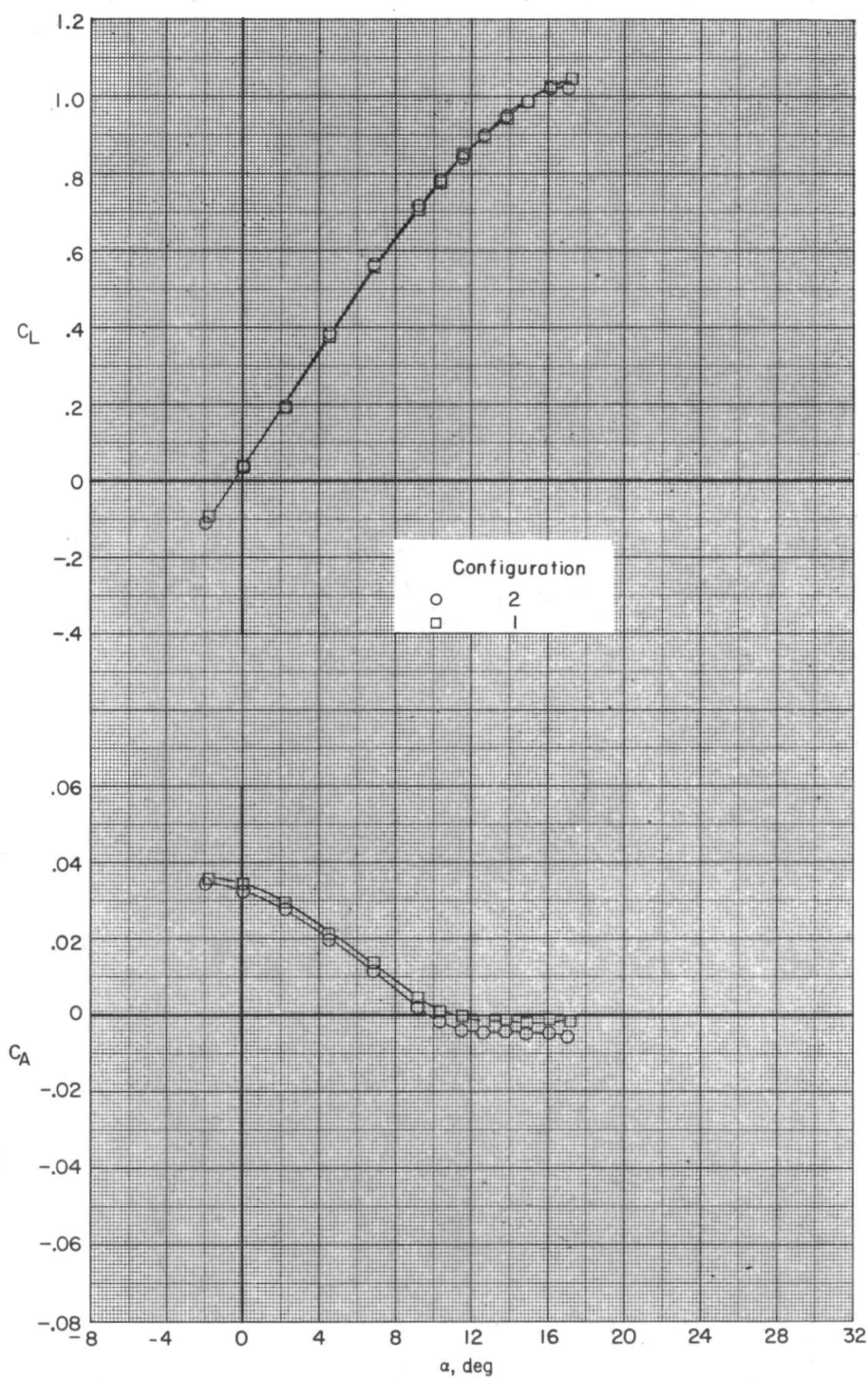
(a)  $M = 0.60$ .

Figure 18.- Effect of engine nozzle configuration on the longitudinal characteristics of the basic configuration with the  $S_{17_0} S_{18_m}$  slat arrangement.



(a) Concluded.

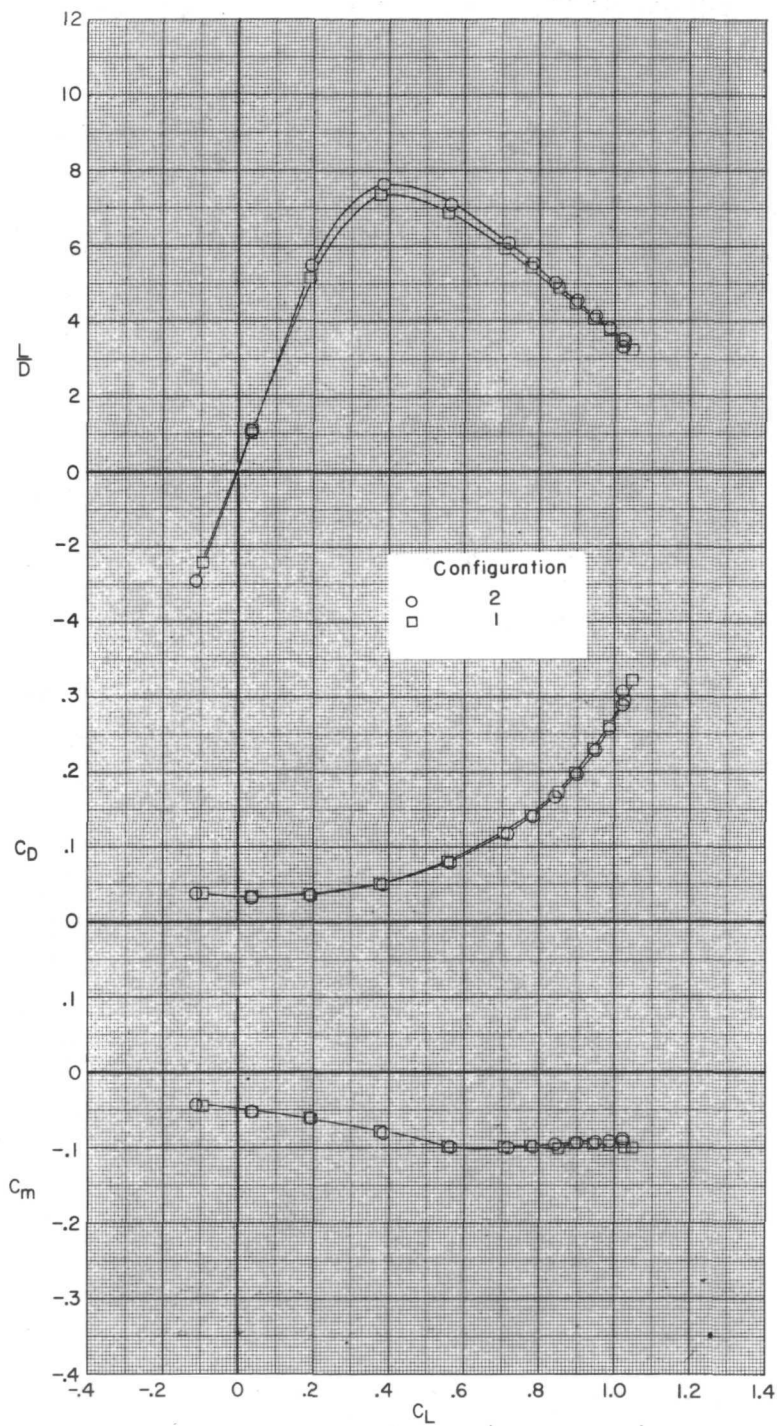
Figure 18.- Continued.



(b)  $M = 0.90$ .

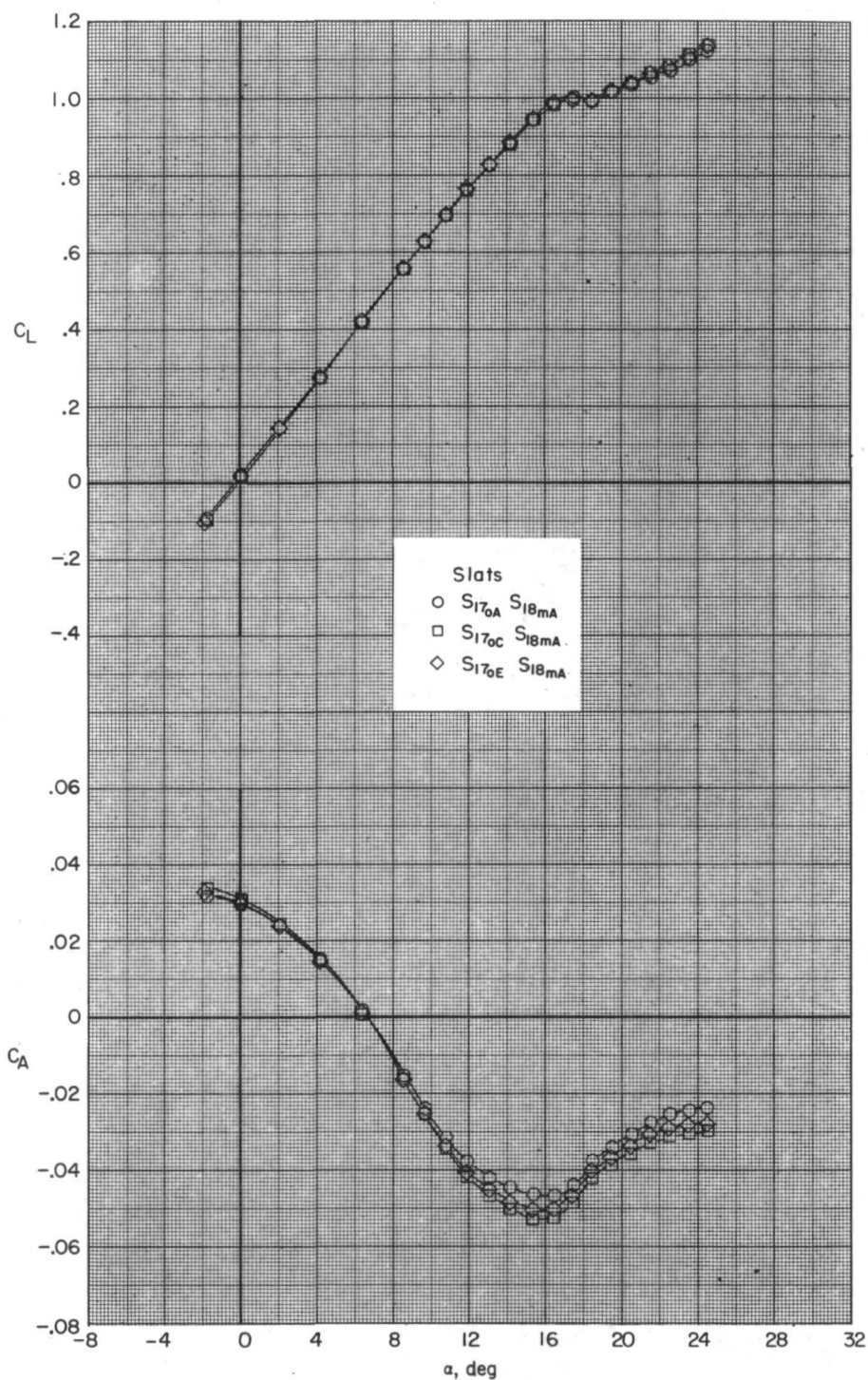
Figure 18.- Continued.





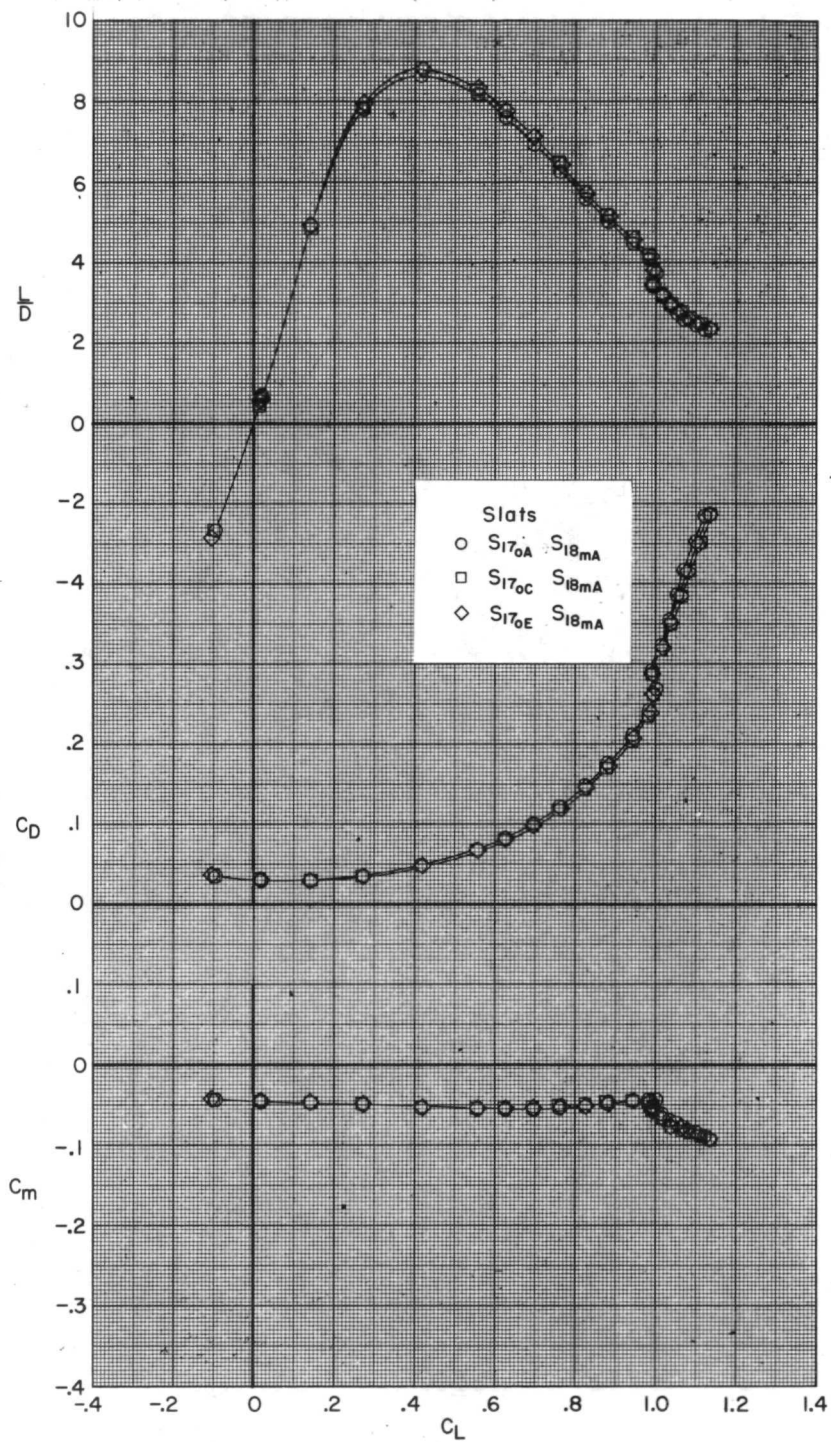
(b) Concluded.

Figure 18.- Concluded.



(a)  $M = 0.60$ .

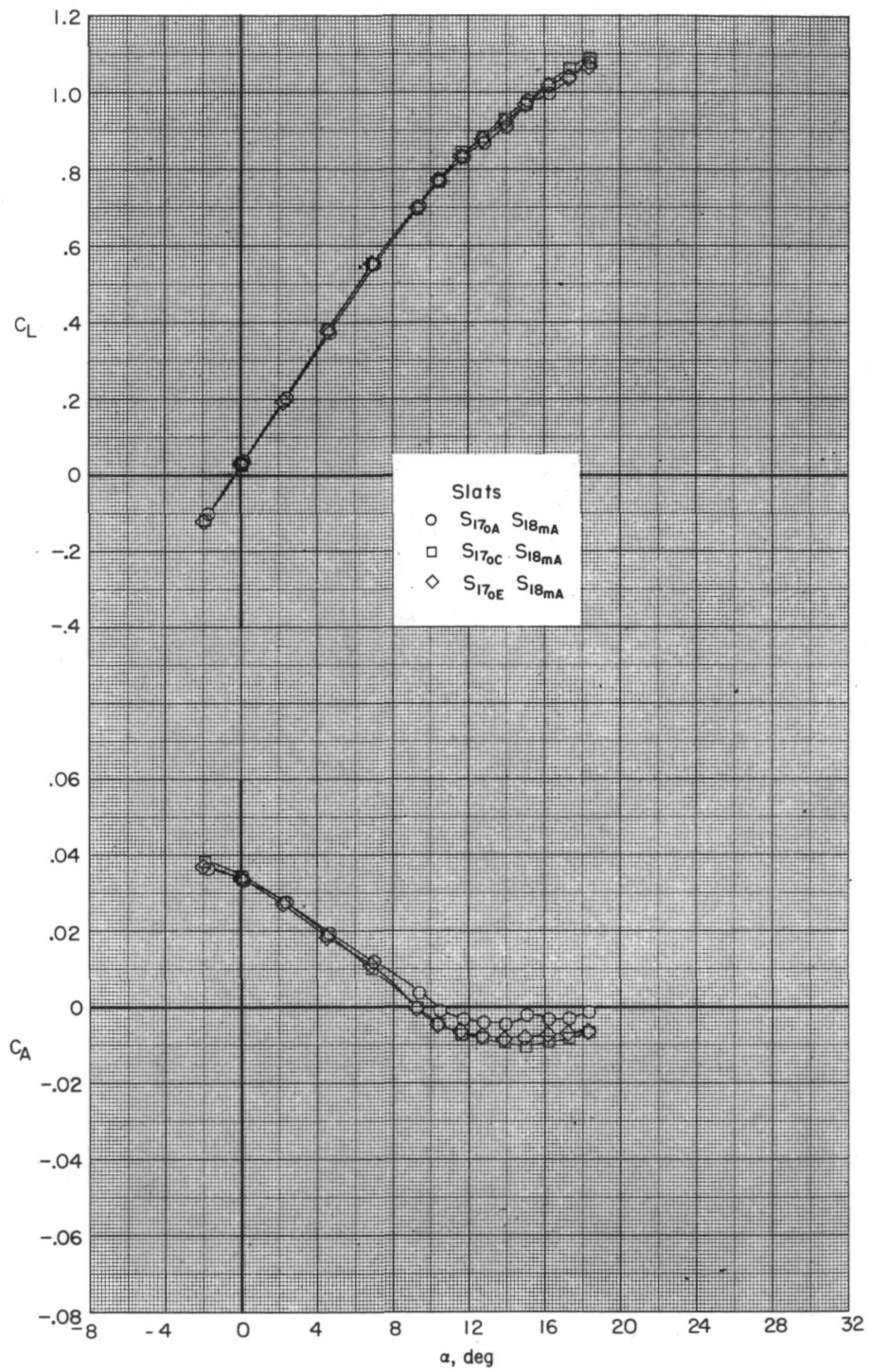
Figure 19.- Effect of outboard slat position on the longitudinal characteristics of configuration 2 with midspan slat  $S_{18mA}$ . Slat gap, 2% c.



(a) Concluded.

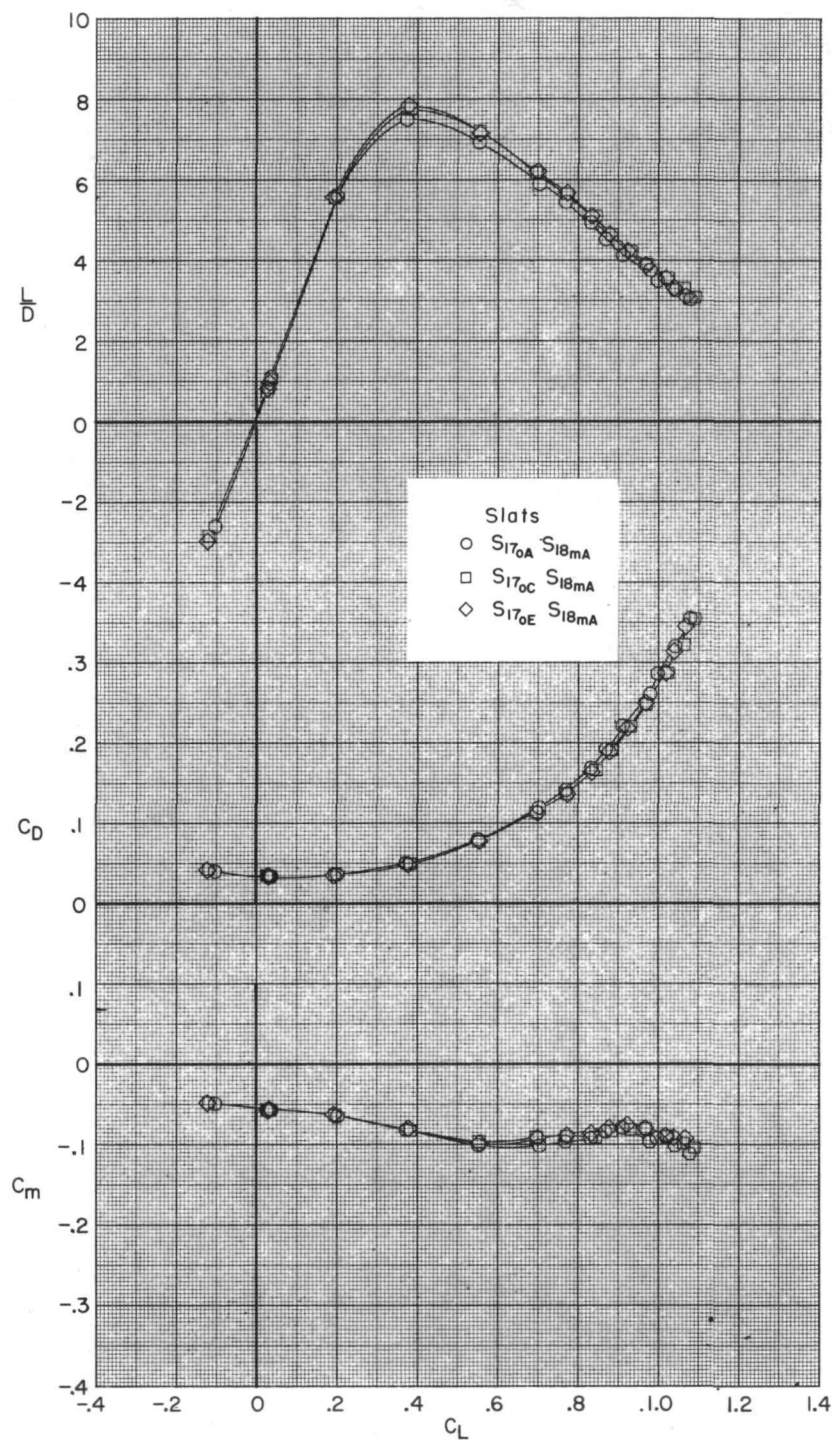
Figure 19.- Continued.





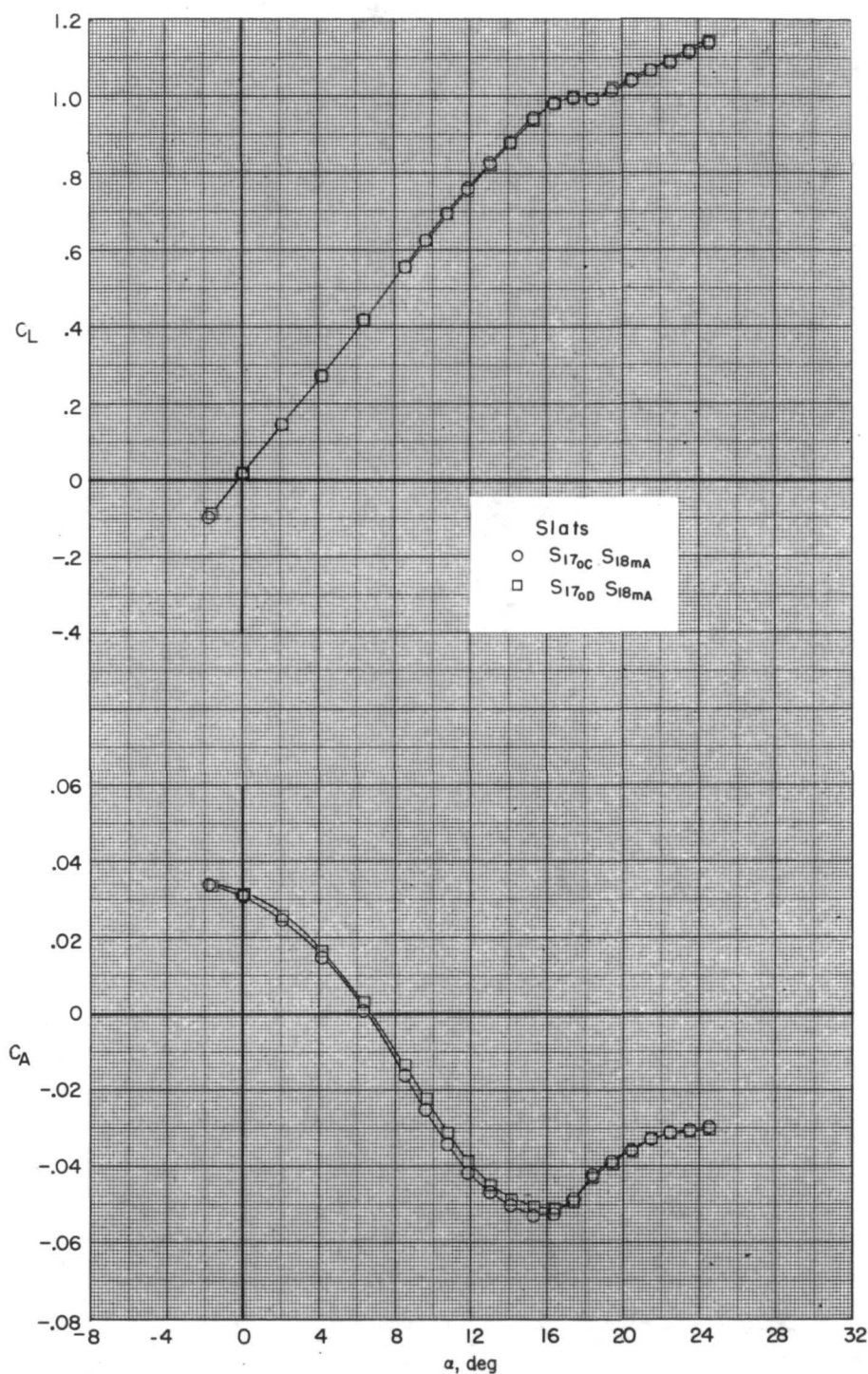
(b)  $M = 0.90$ .

Figure 19.- Continued.



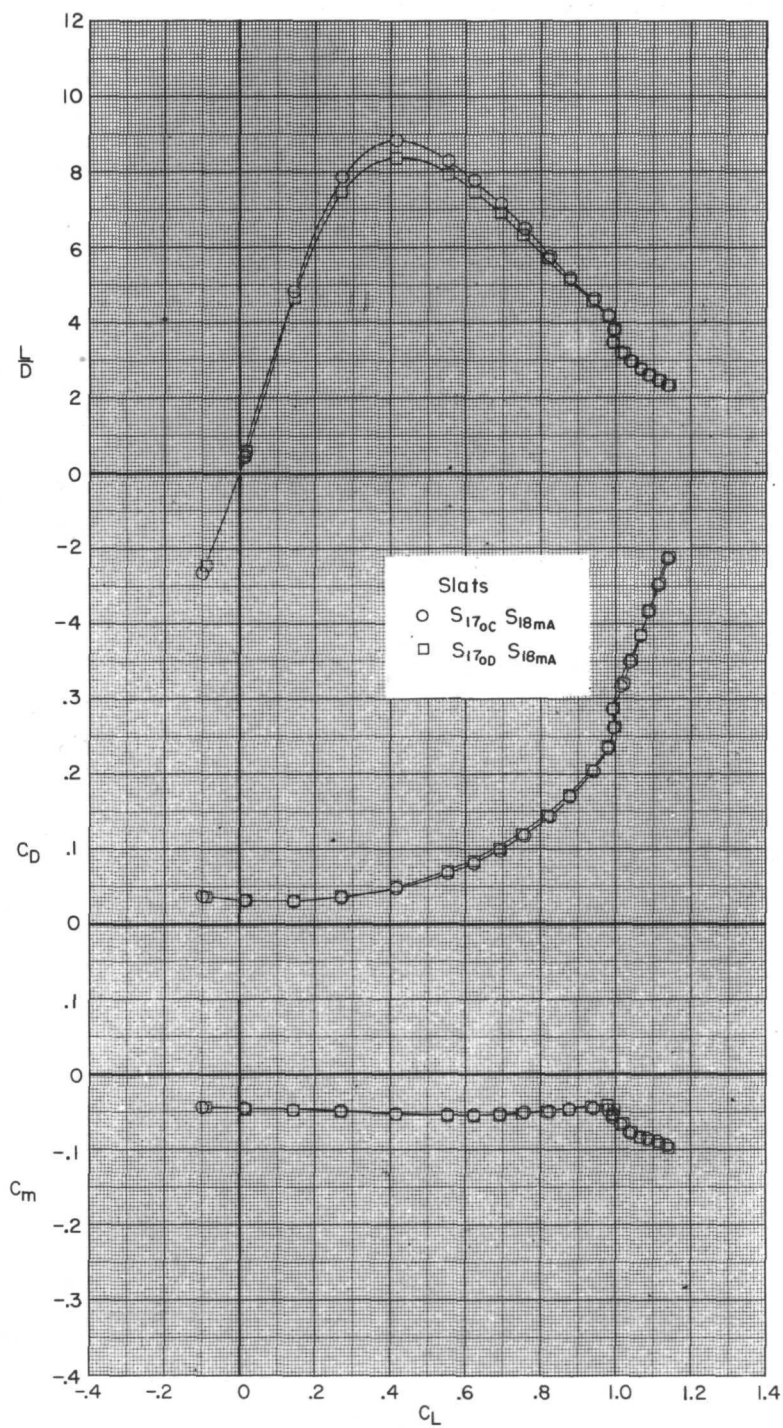
(b) Concluded.

Figure 19.- Concluded.



(a)  $M = 0.60$ .

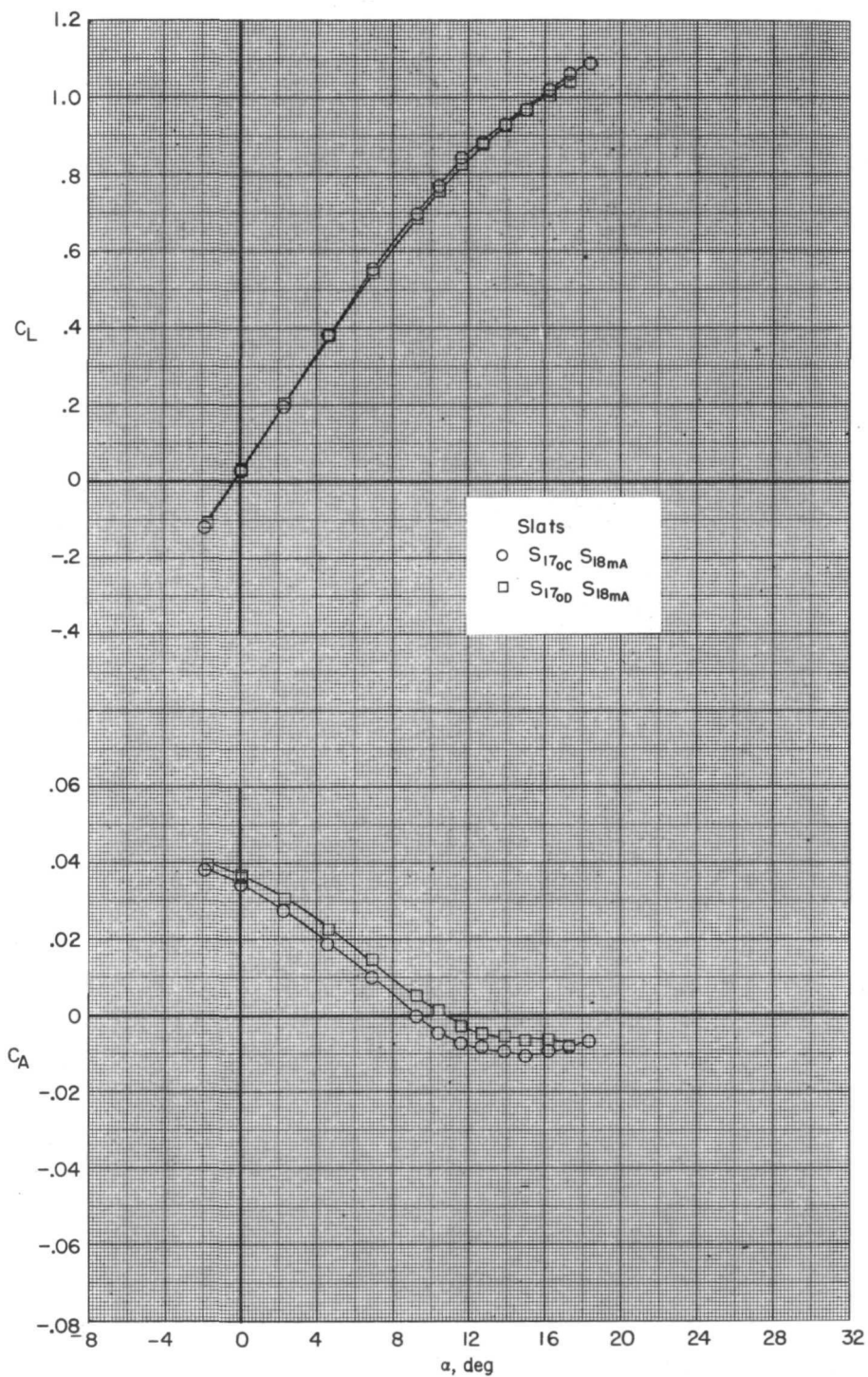
Figure 20.- Effect of outboard slat gap on the longitudinal characteristics of configuration 2 with midspan slat  $S_{18mA}$ . Outboard slat position,  $-3.2\%$  c.



(a) Concluded.

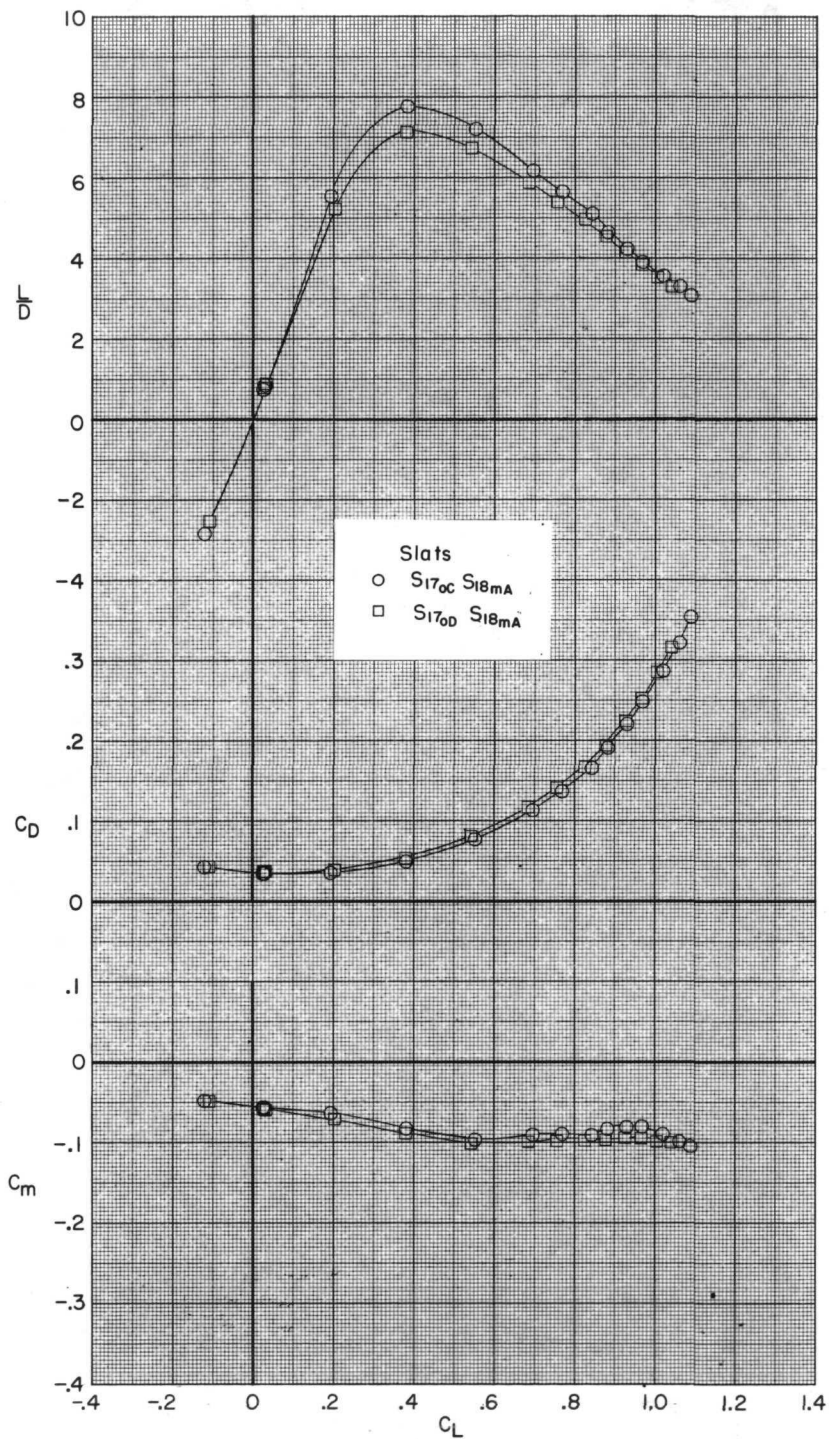
Figure 20.- Continued.





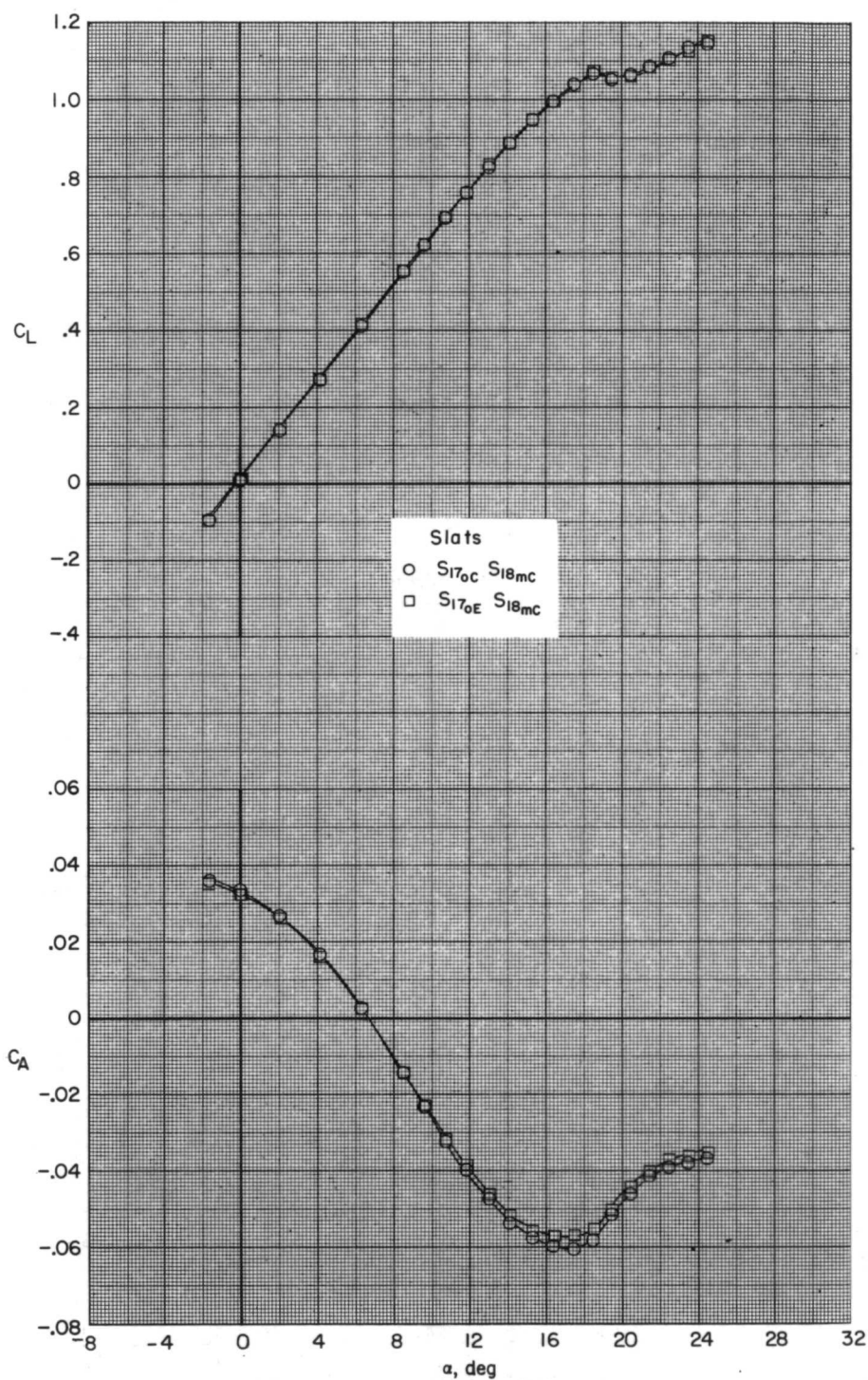
(b)  $M = 0.90$ .

Figure 20.- Continued.



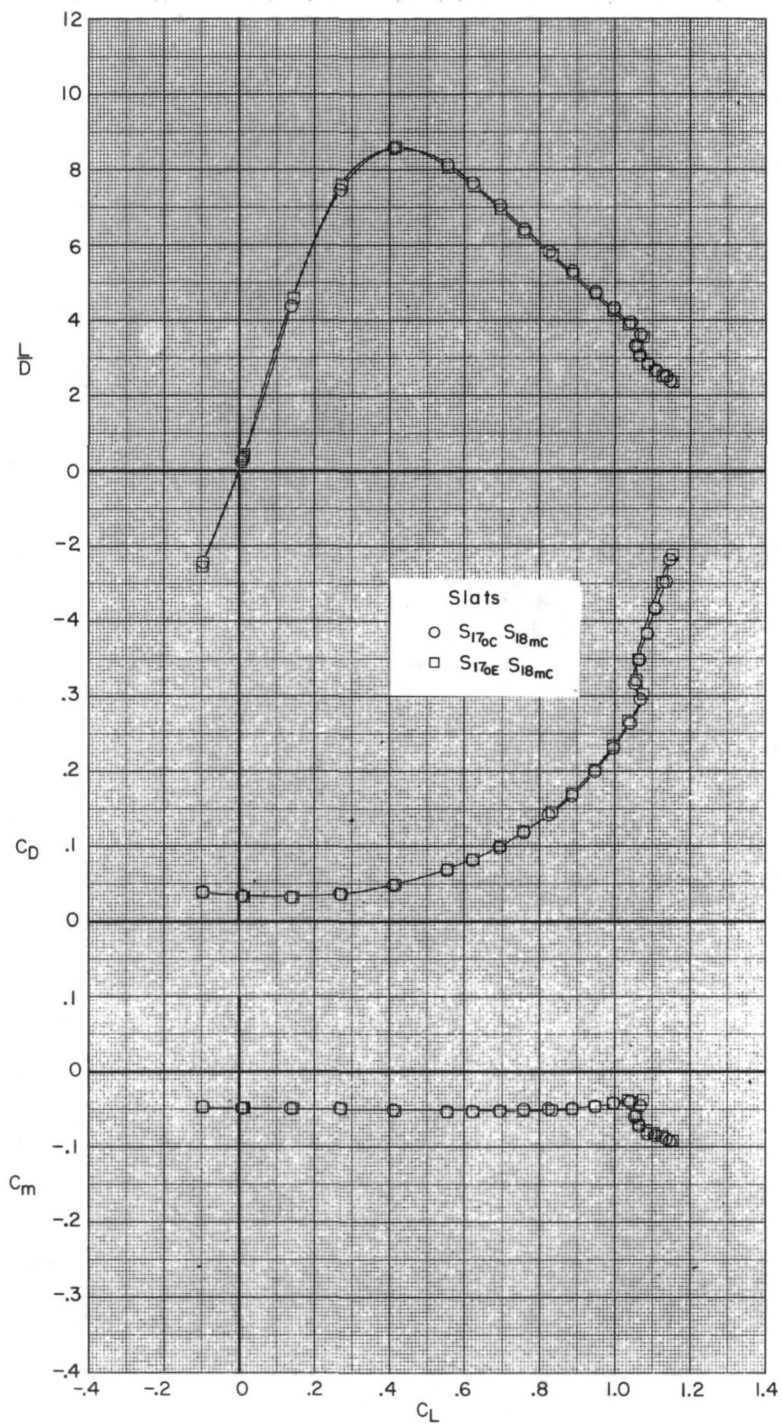
(b) Concluded.

Figure 20.- Concluded.



(a)  $M = 0.60$ .

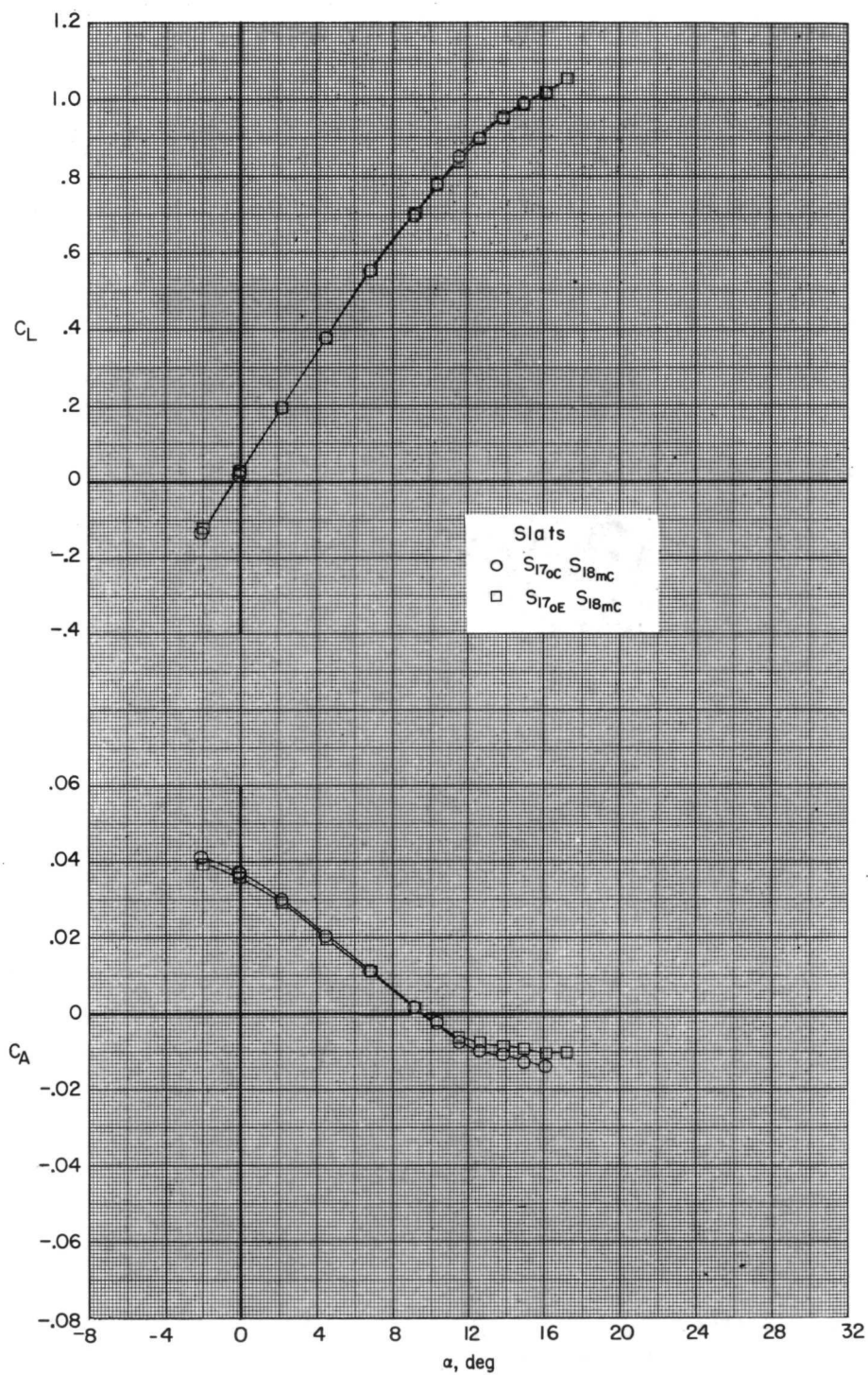
Figure 21.- Effect of outboard slat position on the longitudinal characteristics of configuration 2 with midspan slat  $S_{18mc}$ . Slat gap, 2% c.



(a) Concluded.

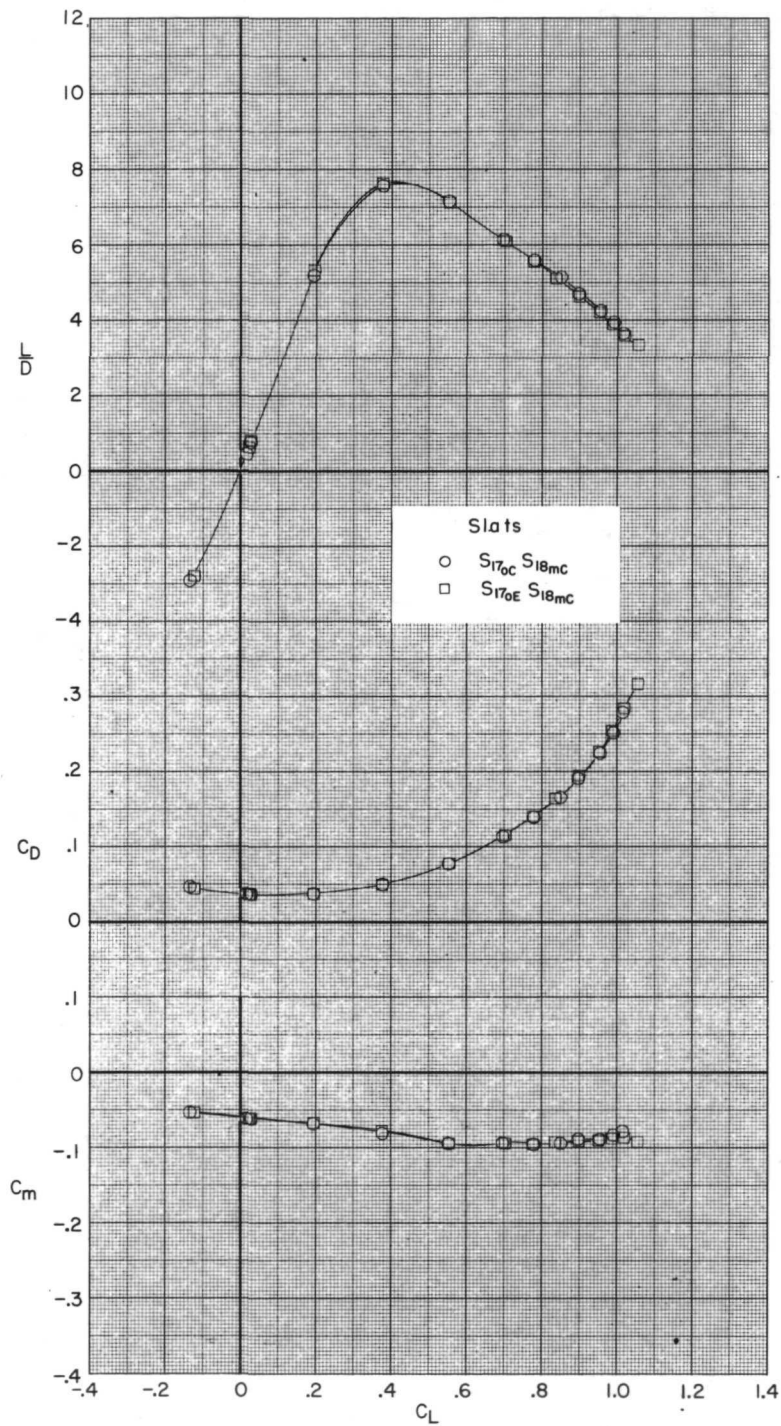
Figure 21.- Continued.





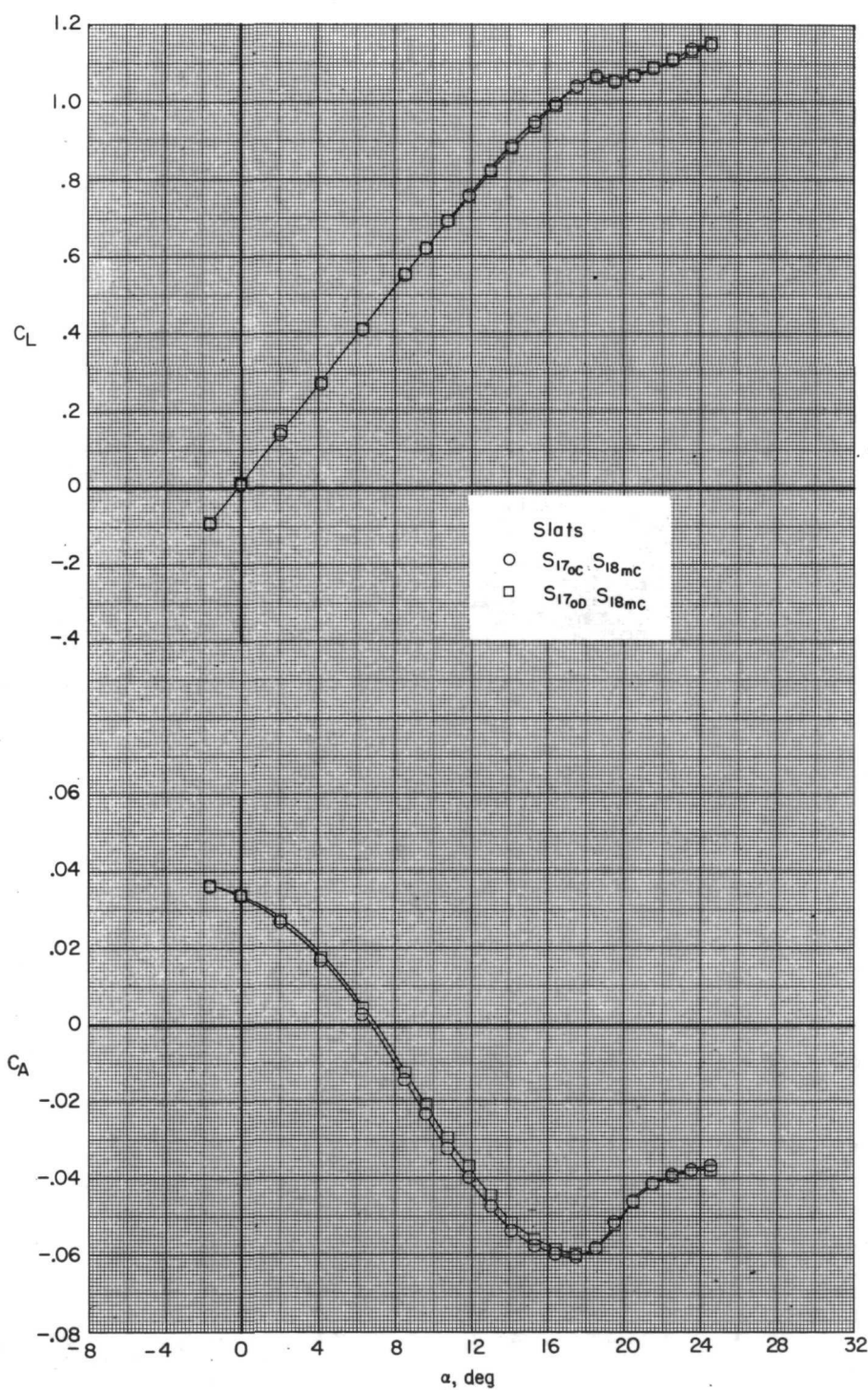
(b)  $M = 0.90$ .

Figure 21.- Continued.



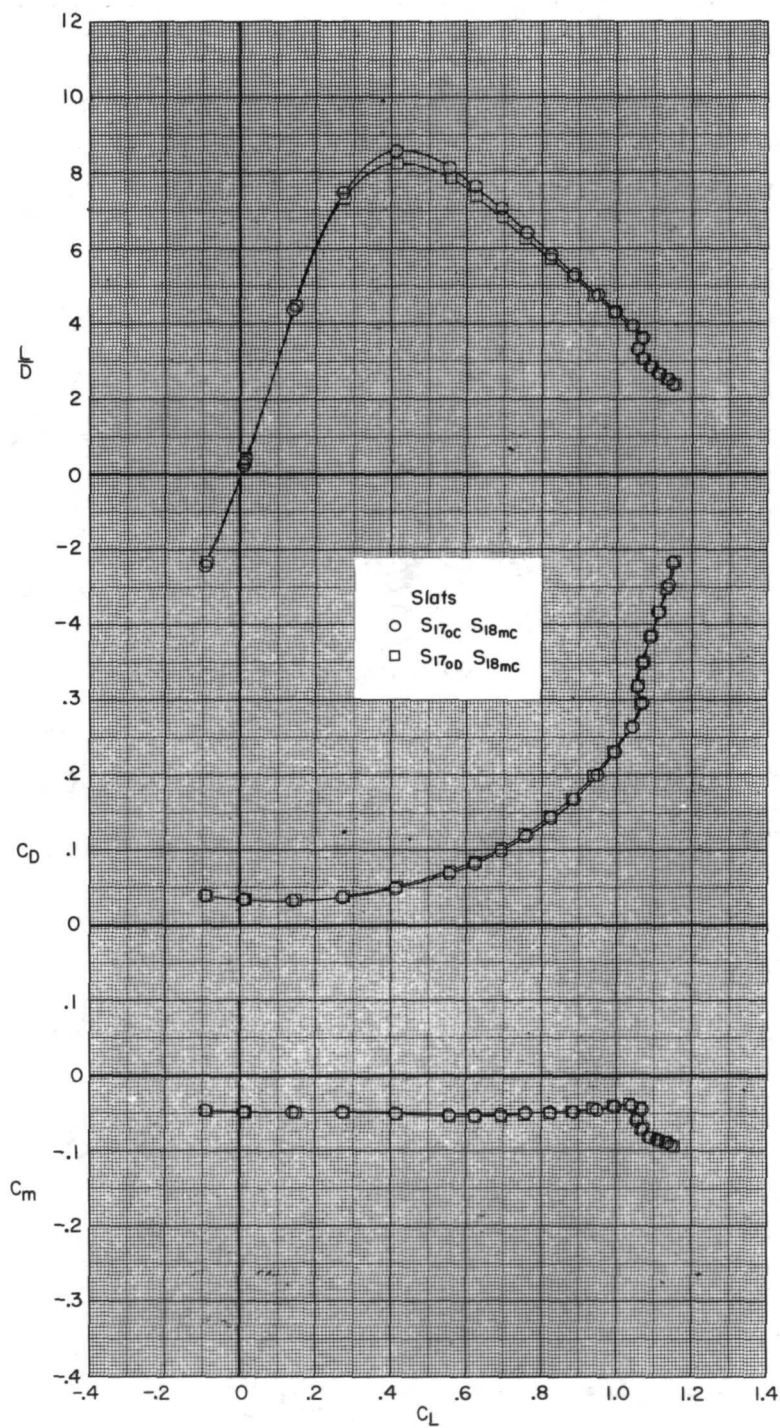
(b) Concluded.

Figure 21.- Concluded.



(a)  $M = 0.60$ .

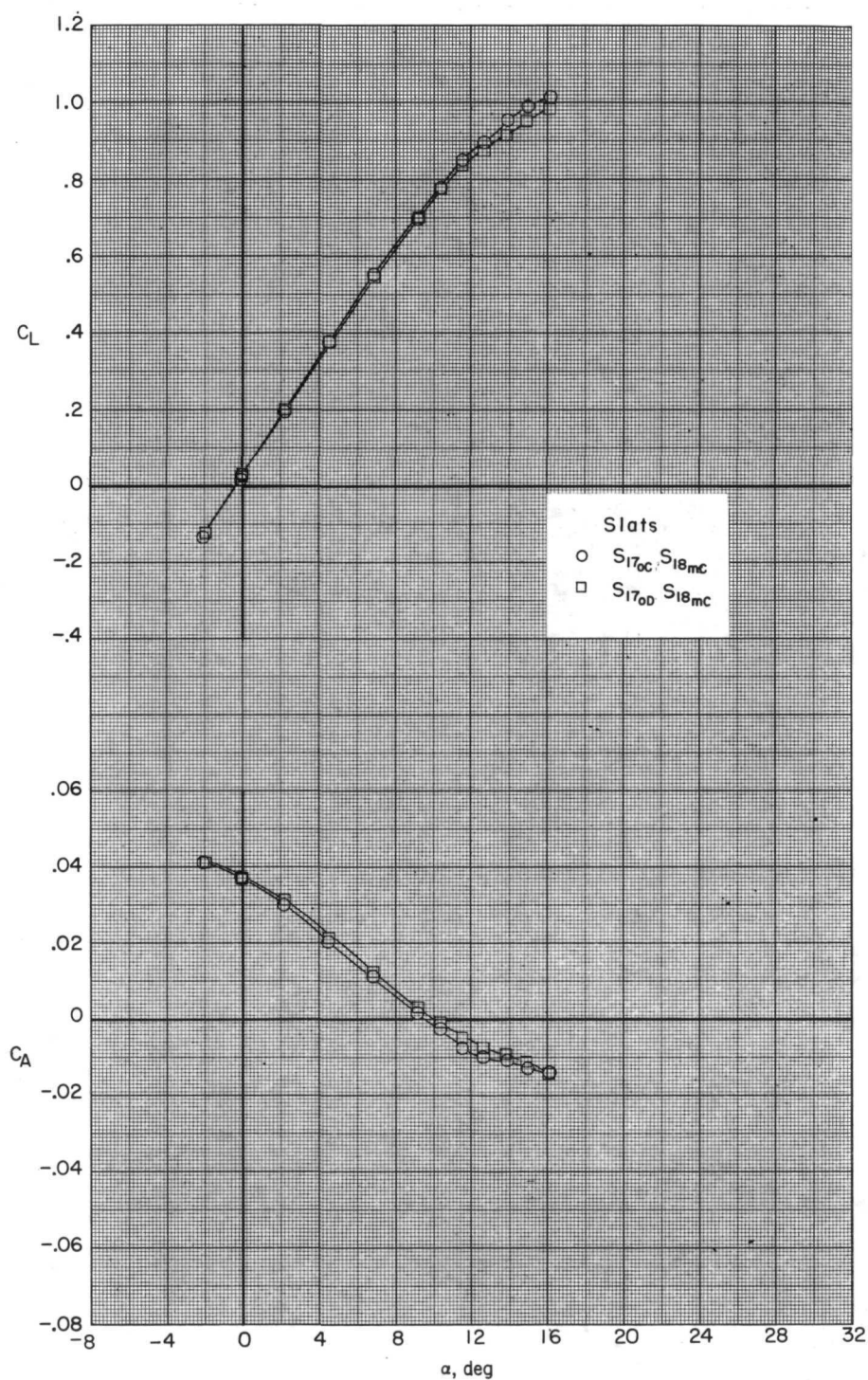
Figure 22.- Effect of outboard slat gap on the longitudinal characteristics of configuration 2 with midspan slat  $S_{18_{mc}}$ . Outboard slat position,  $-3.2\%$  c.



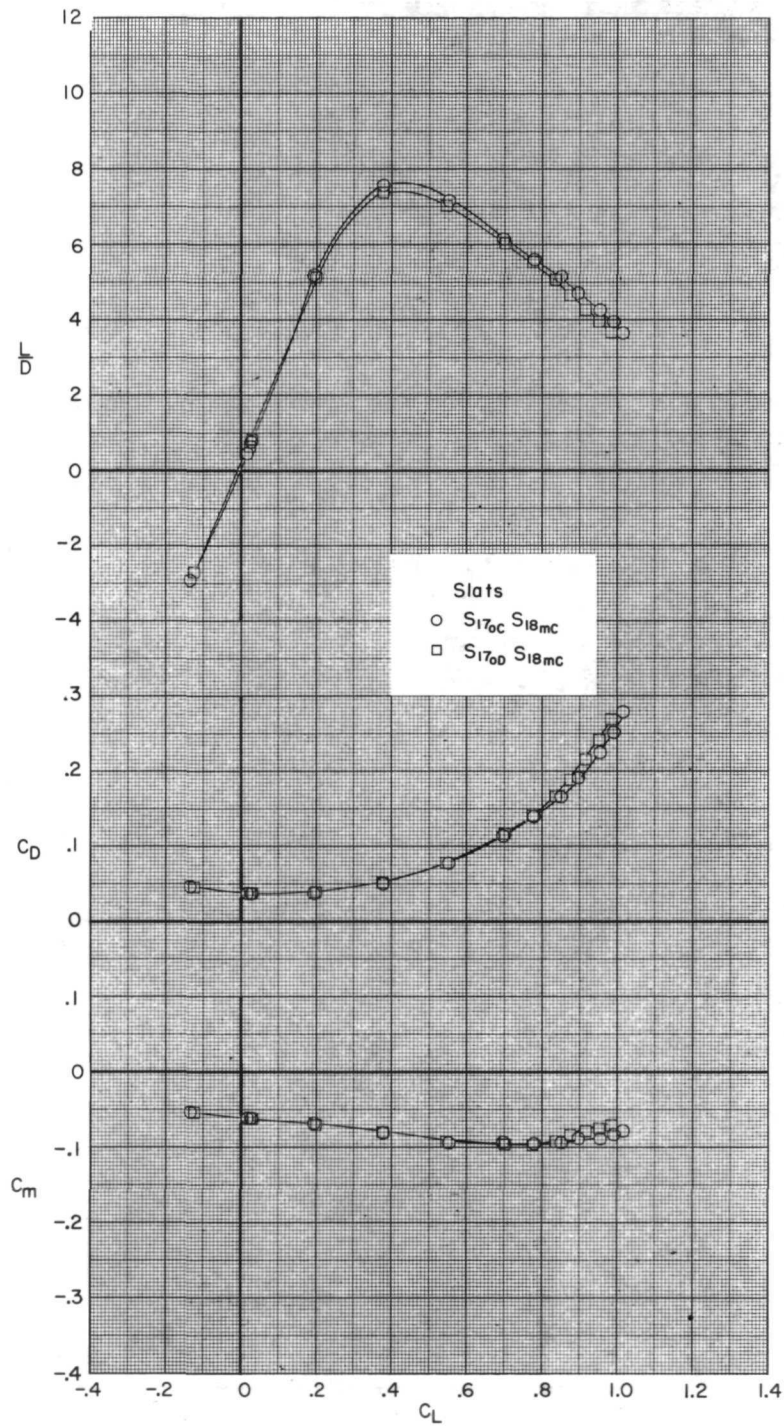
(a) Concluded.

Figure 22.- Continued.



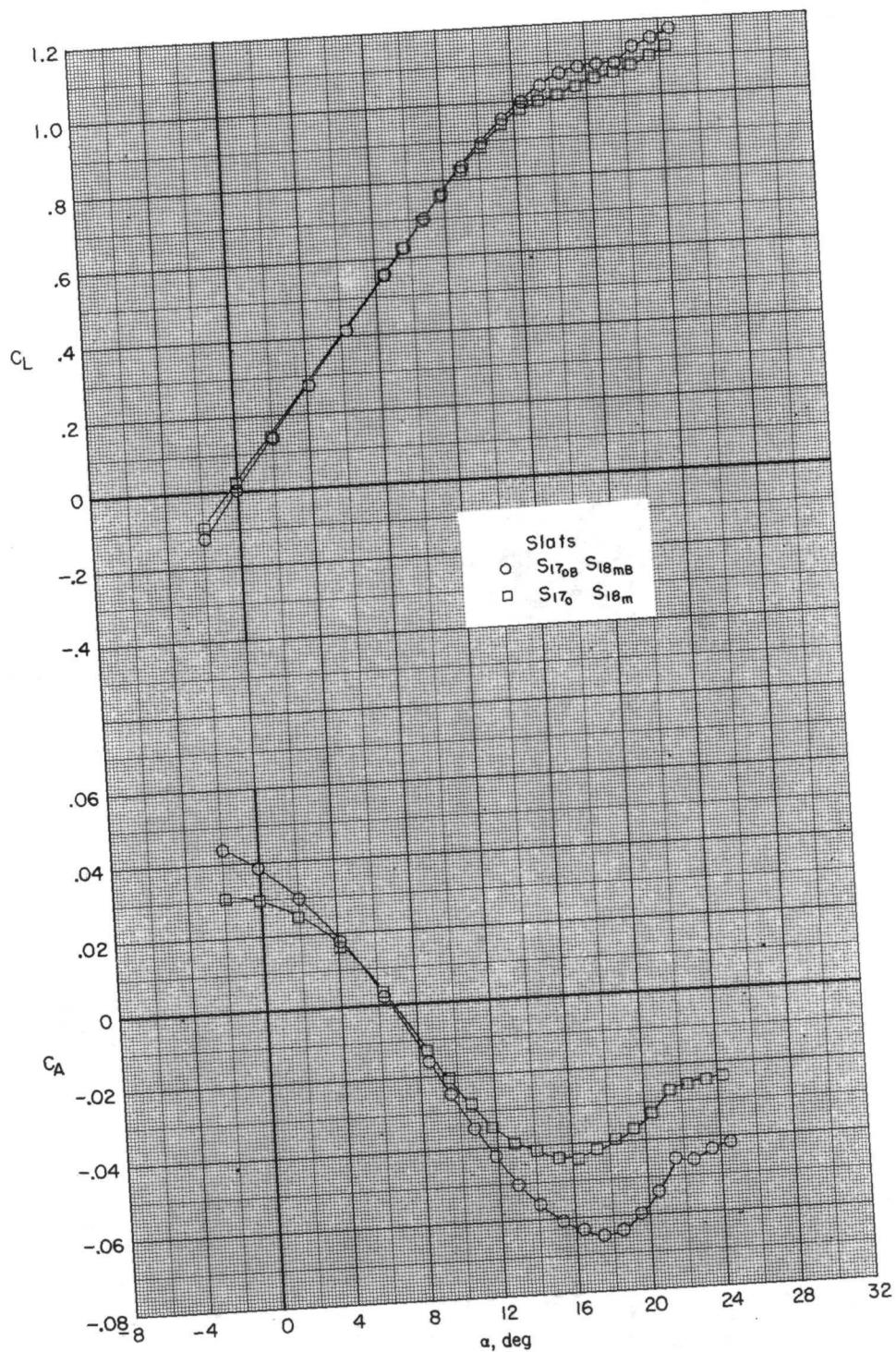


(b)  $M = 0.90$ .  
Figure 22.- Continued.



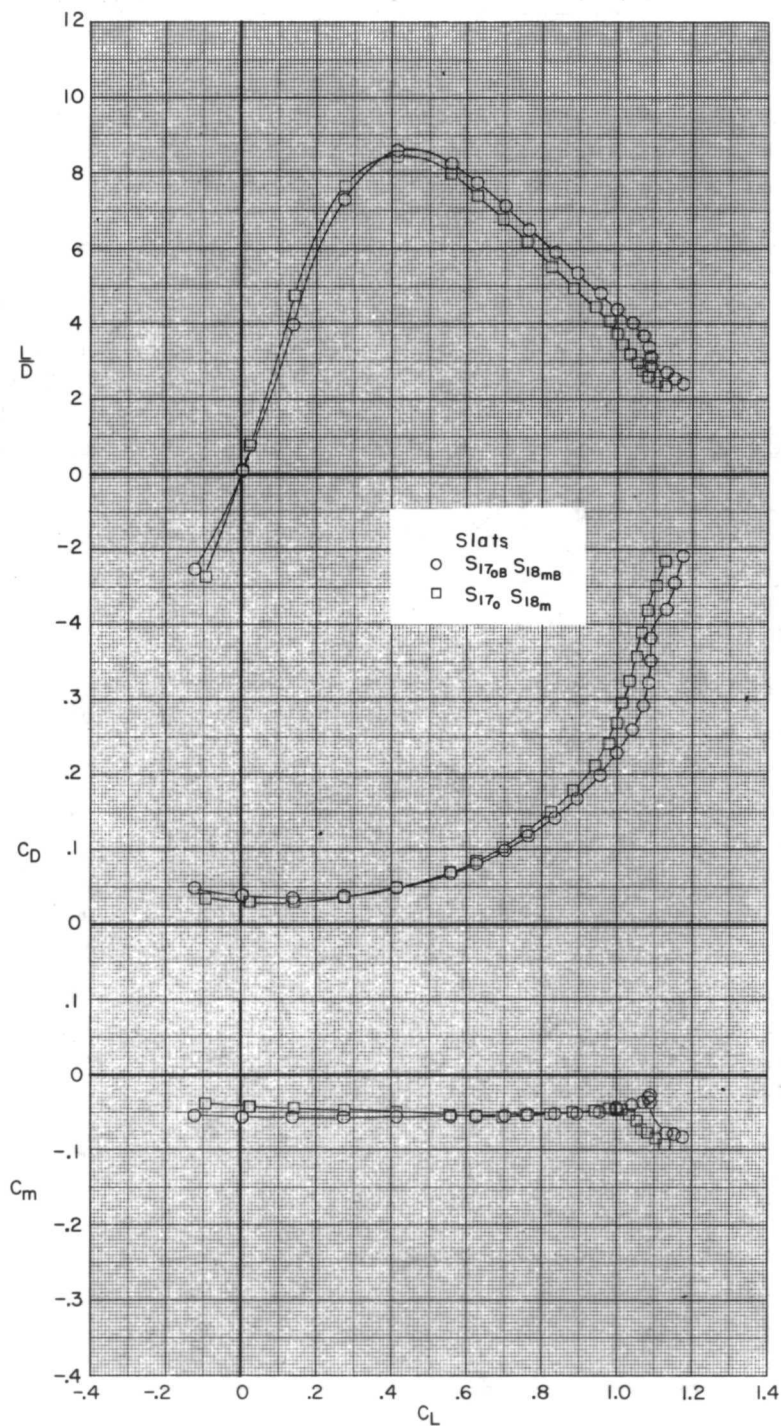
(b) Concluded.

Figure 22.- Concluded.



(a)  $M = 0.60$ .

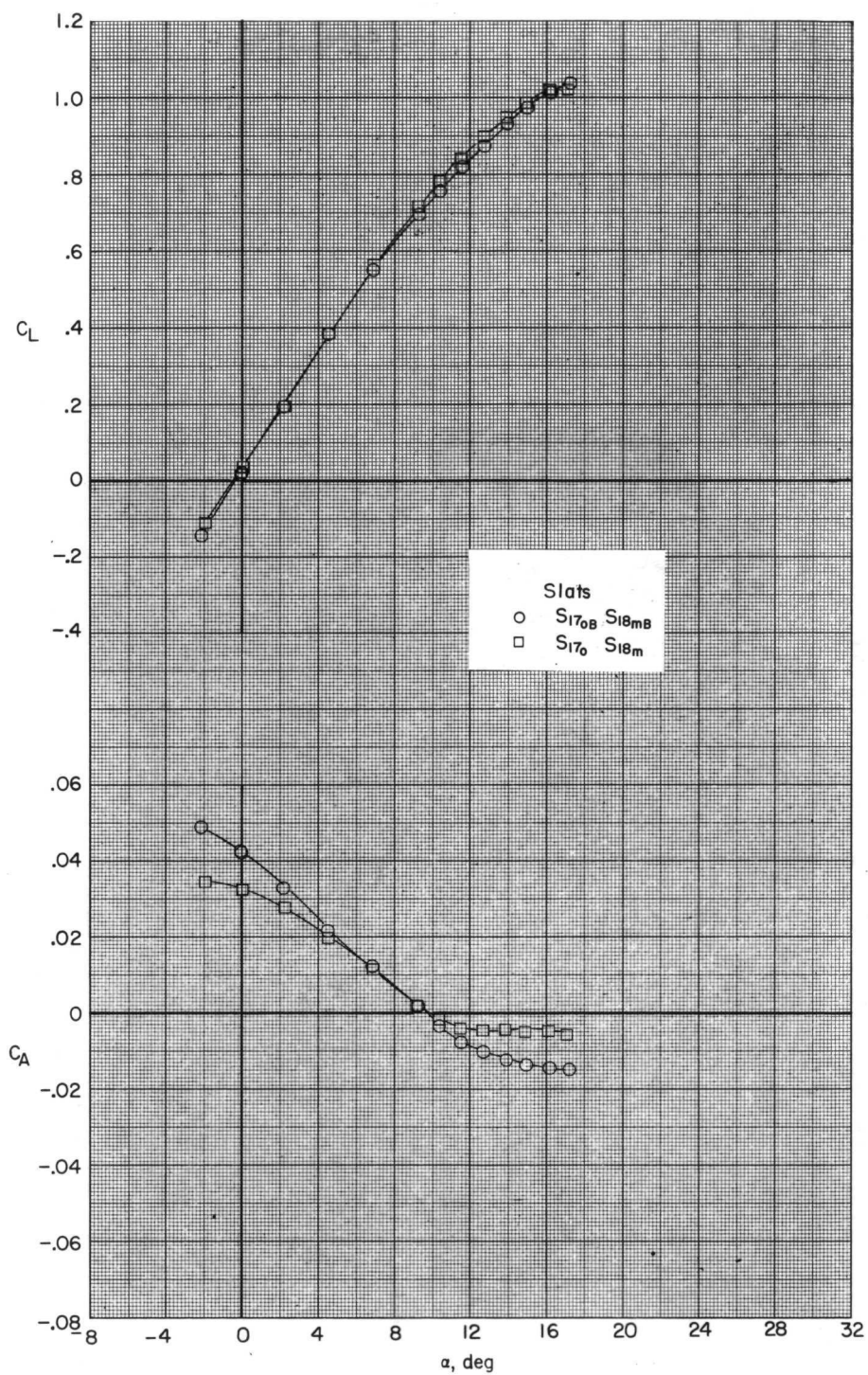
Figure 23.- Longitudinal characteristics of configuration 2 with the  $S_{17_0B} S_{18_mB}$  and  $S_{17_0} S_{18_m}$  slat arrangements.



(a) Concluded.

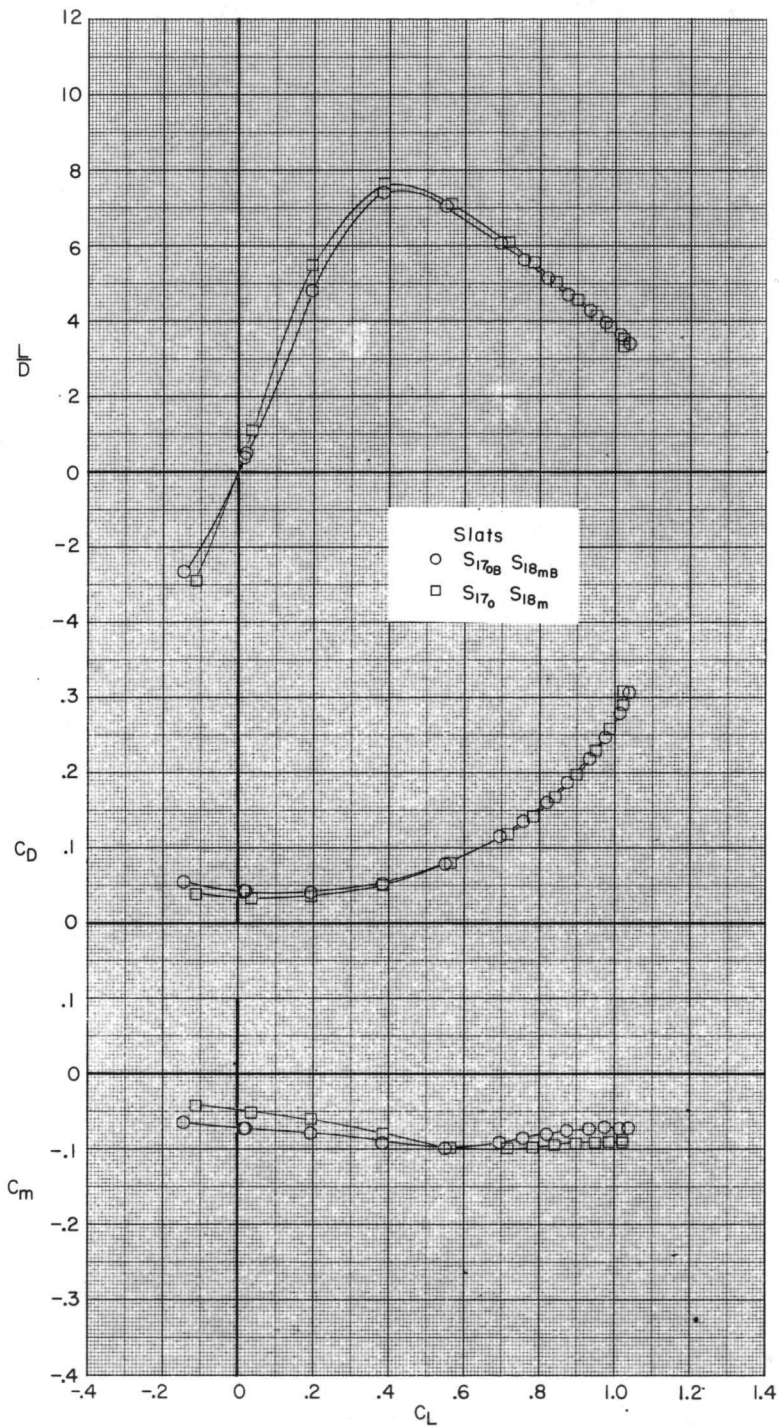
Figure 23.- Continued.





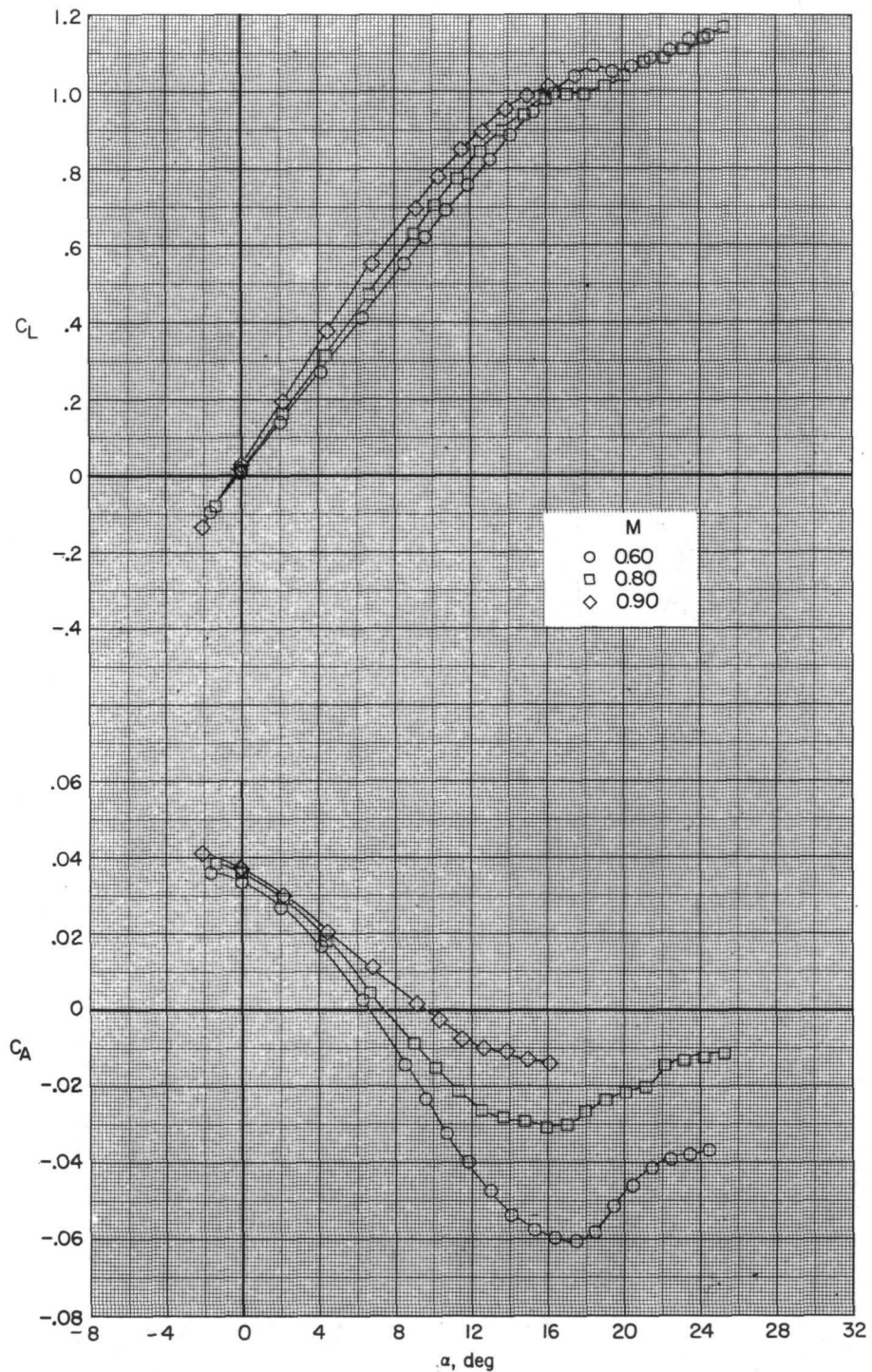
(b)  $M = 0.90$ .

Figure 23.- Continued.



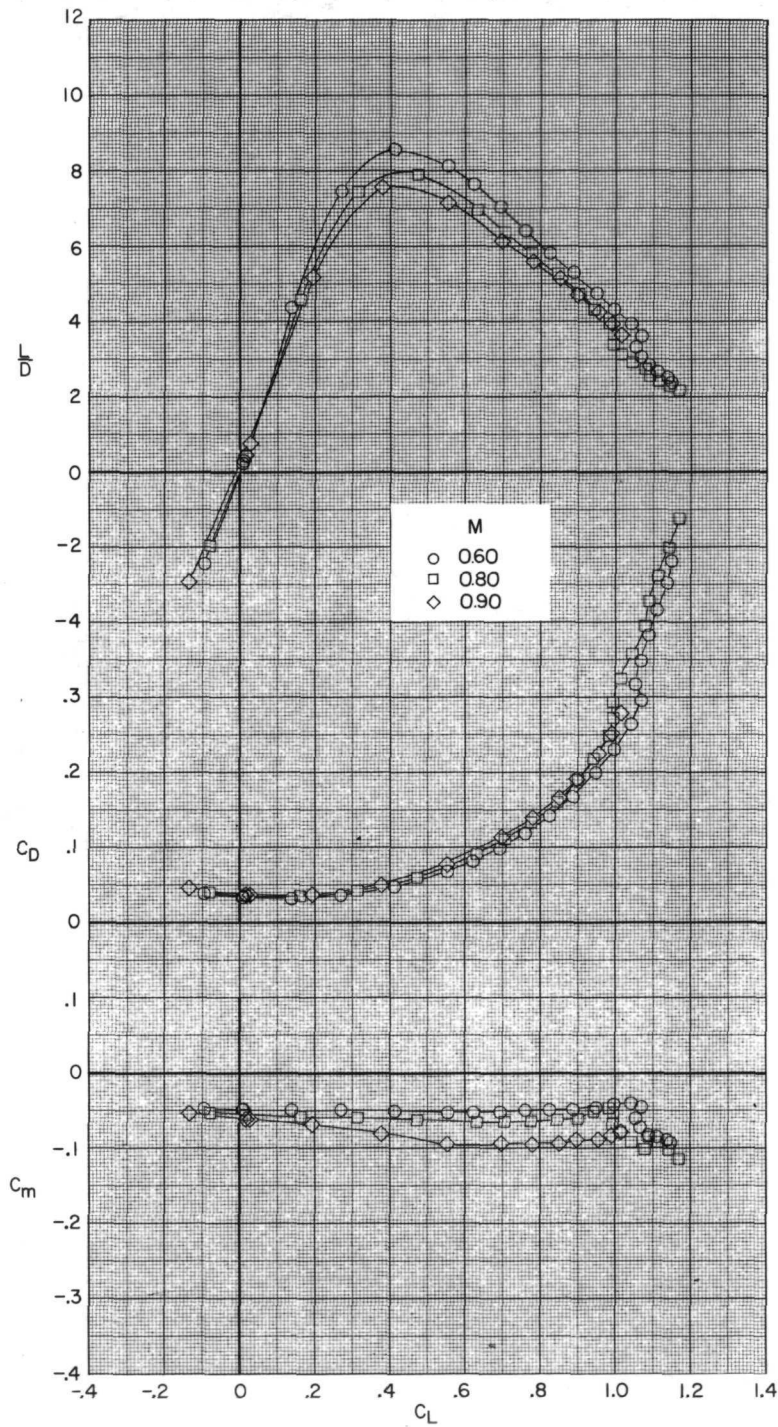
(b) Concluded.

Figure 23.- Concluded.



(a) Variation of  $C_L$  and  $C_A$  with  $\alpha$ .

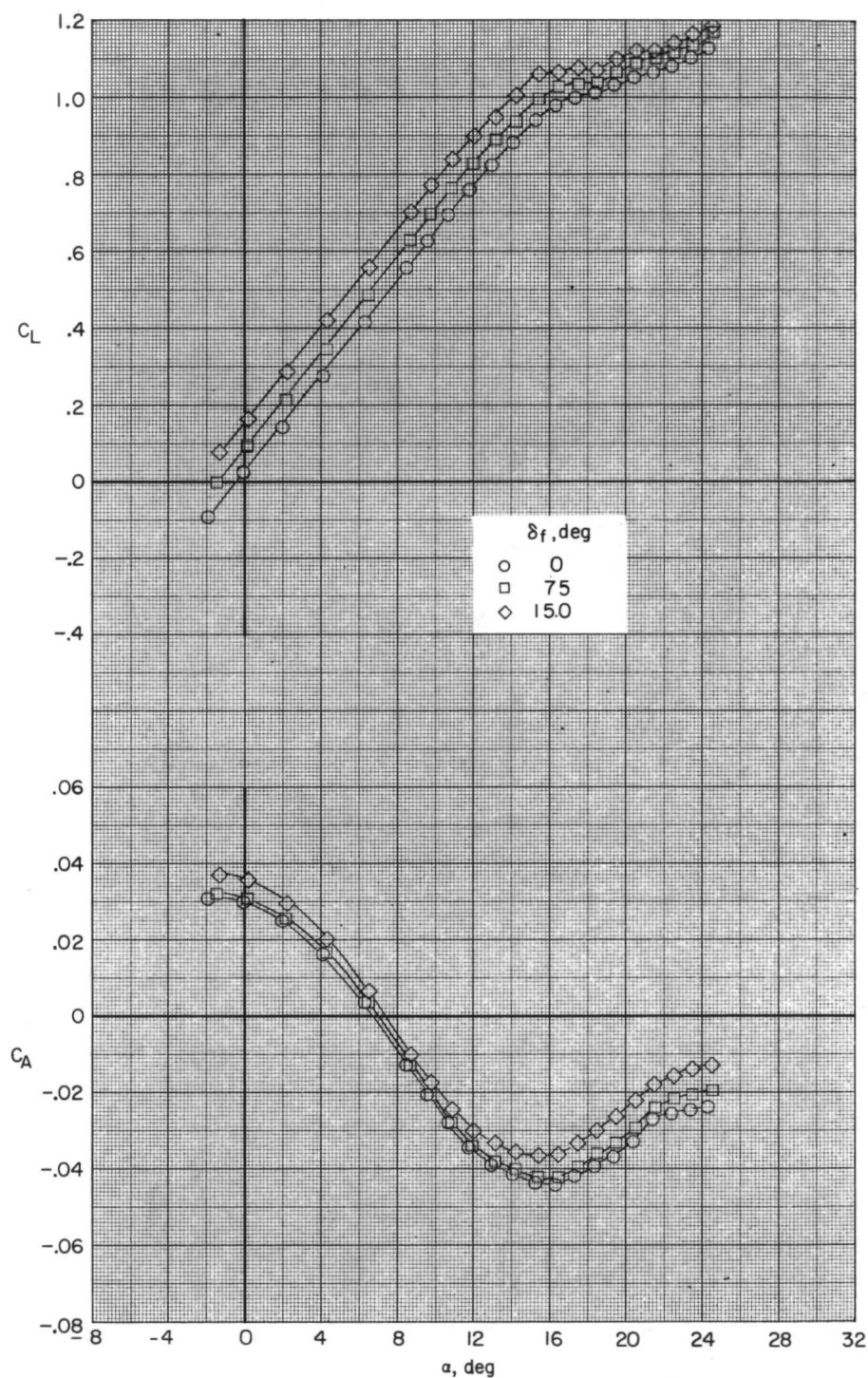
Figure 24.- Effect of Mach number on the longitudinal characteristics of configuration 2 with the  $S_{17_{OC}}S_{18_{mC}}$  slat arrangement.



(b) Variation of  $L/D$ ,  $C_D$ , and  $C_m$  with  $C_L$ .

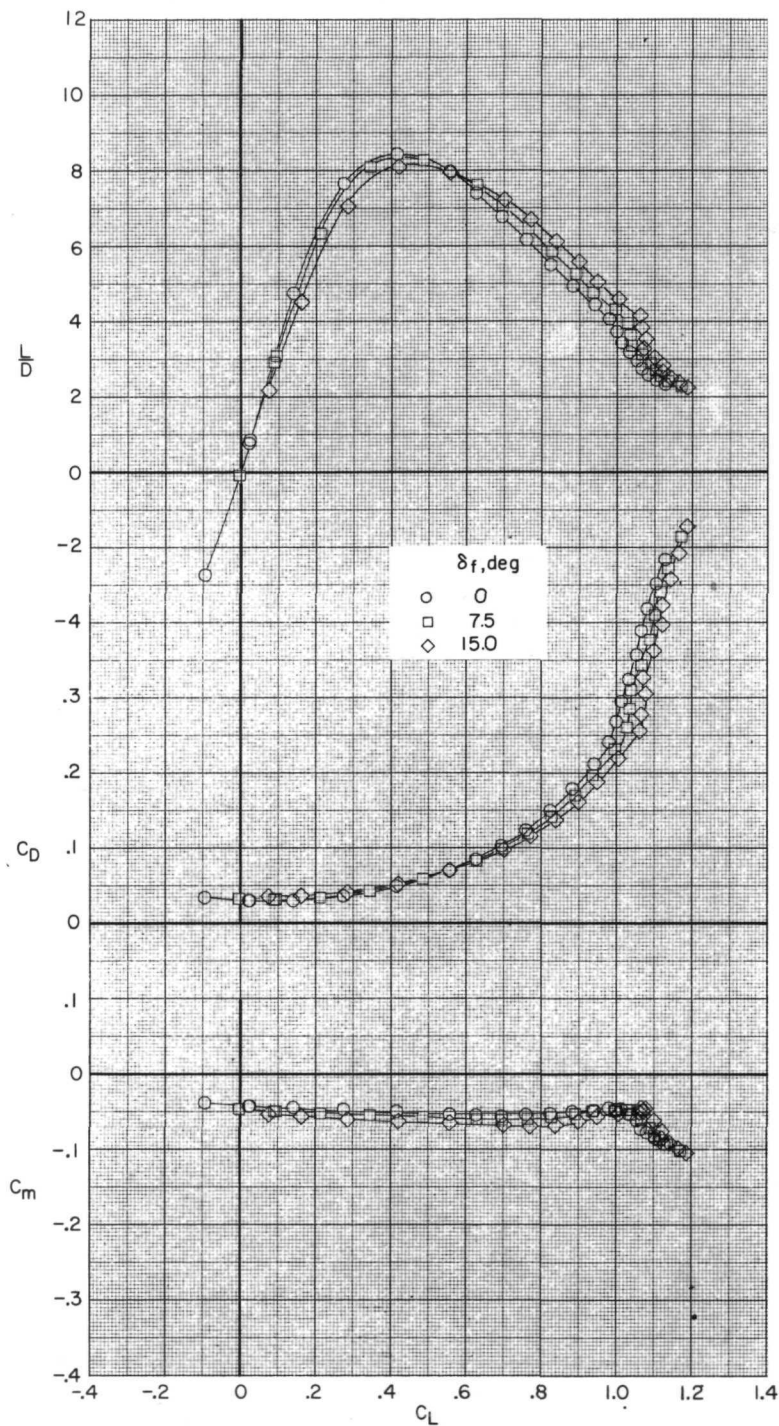
Figure 24.- Concluded.





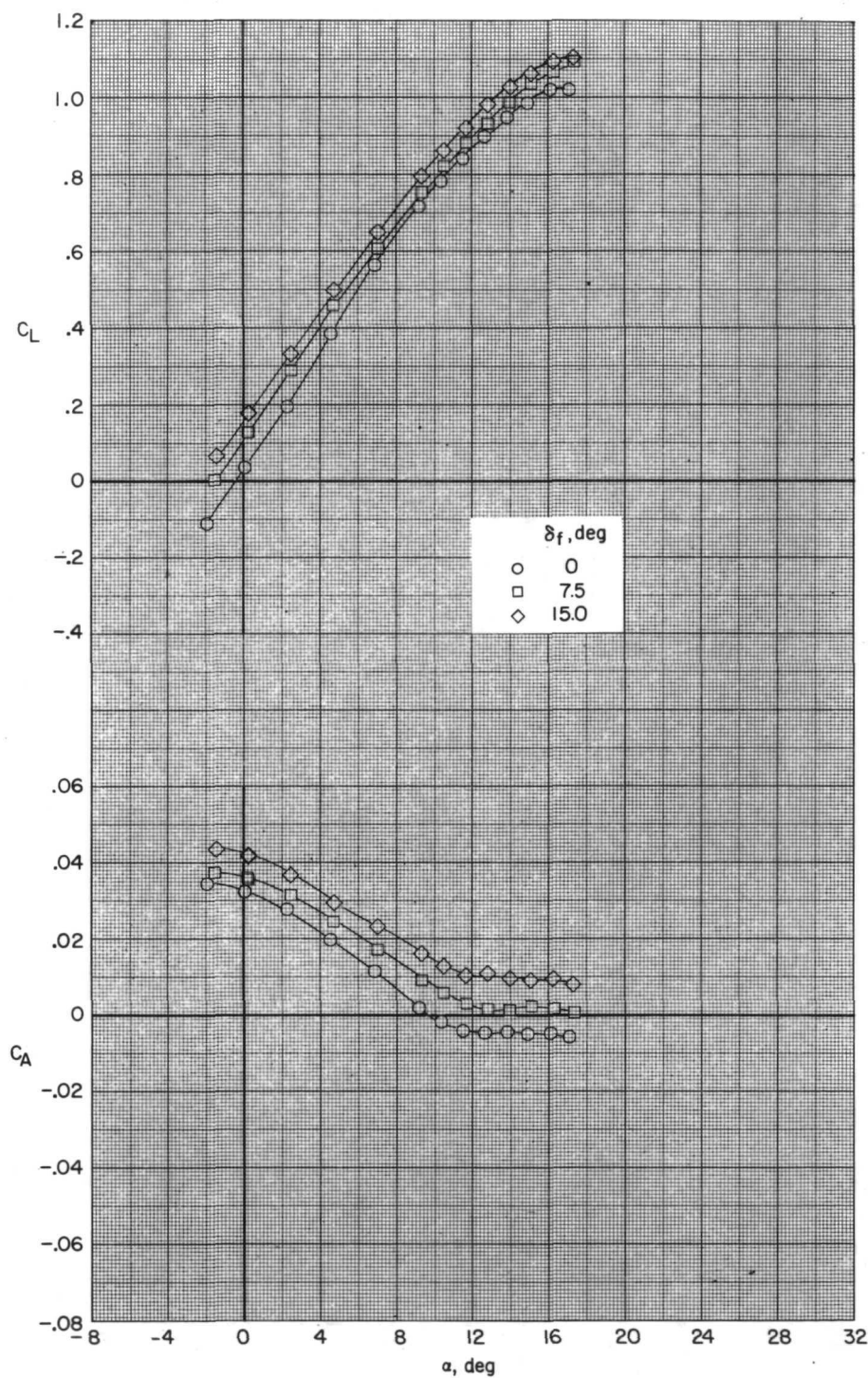
(a)  $M = 0.60$ .

Figure 25.- Effect of trailing-edge flap deflection on the longitudinal characteristics of configuration 2 with the  $S_{17_0} S_{18_m}$  slat arrangement.



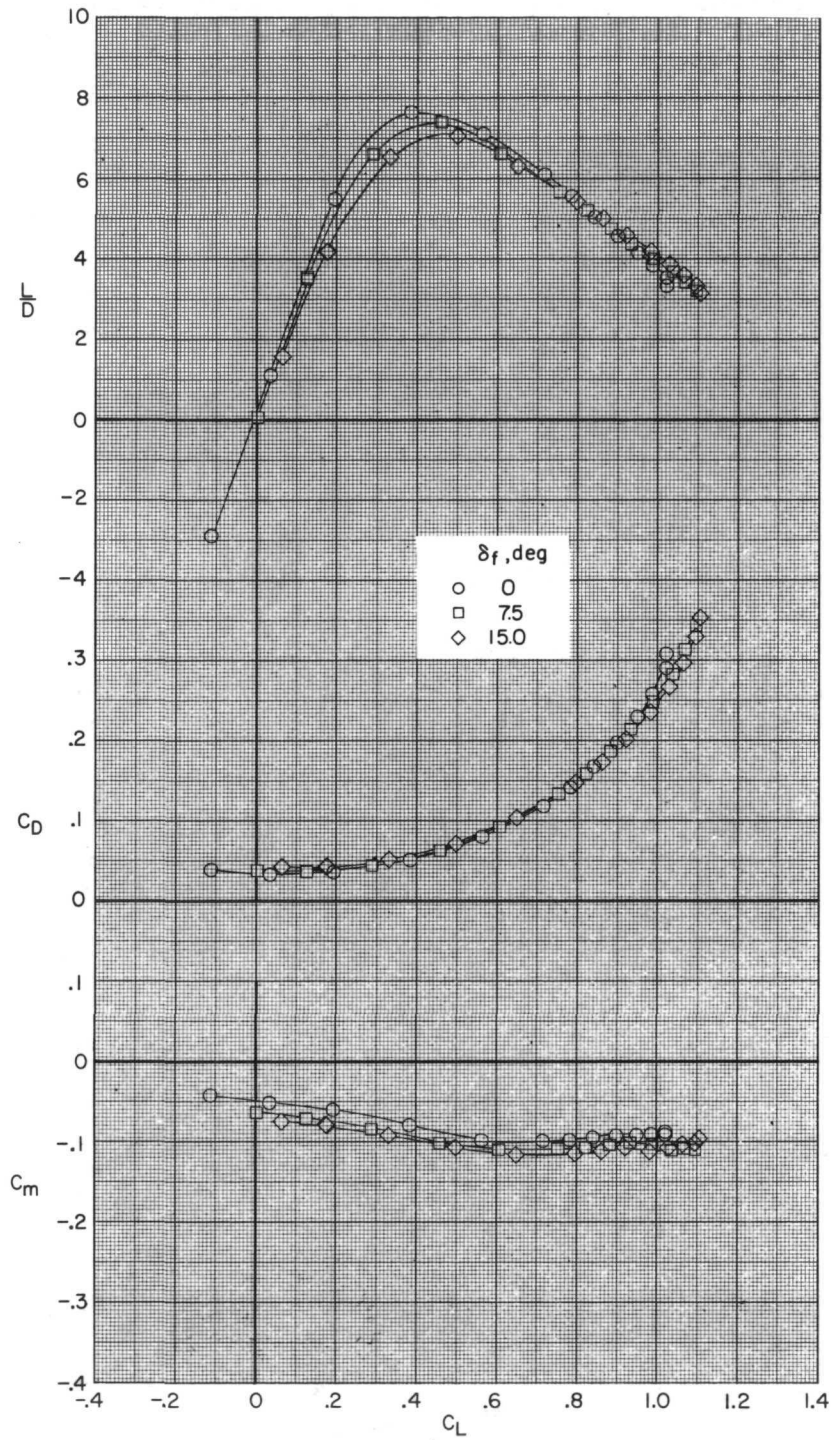
(a) Concluded.

Figure 25.- Continued.



(b)  $M = 0.90$ .

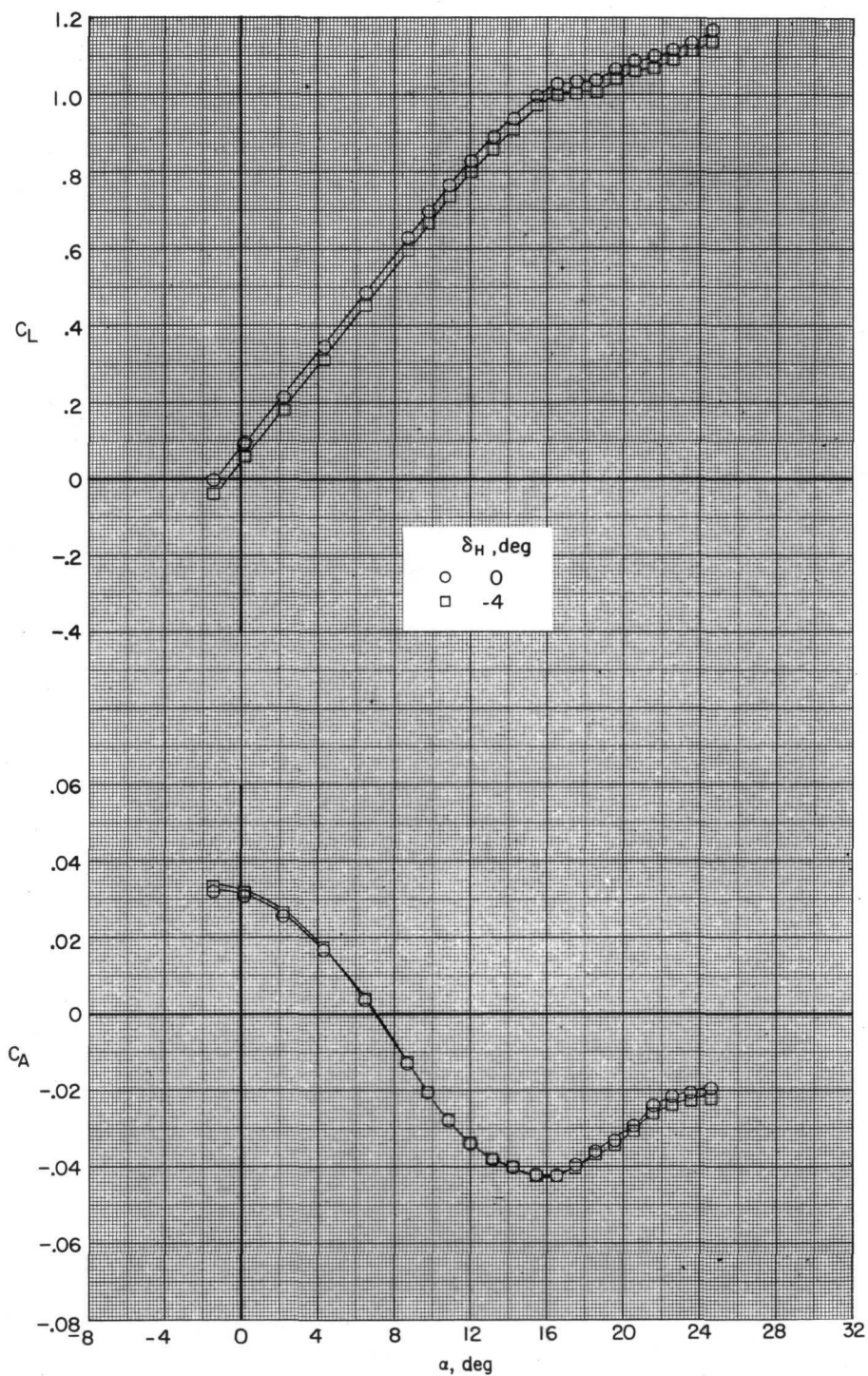
Figure 25.- Continued.



(b) Concluded.

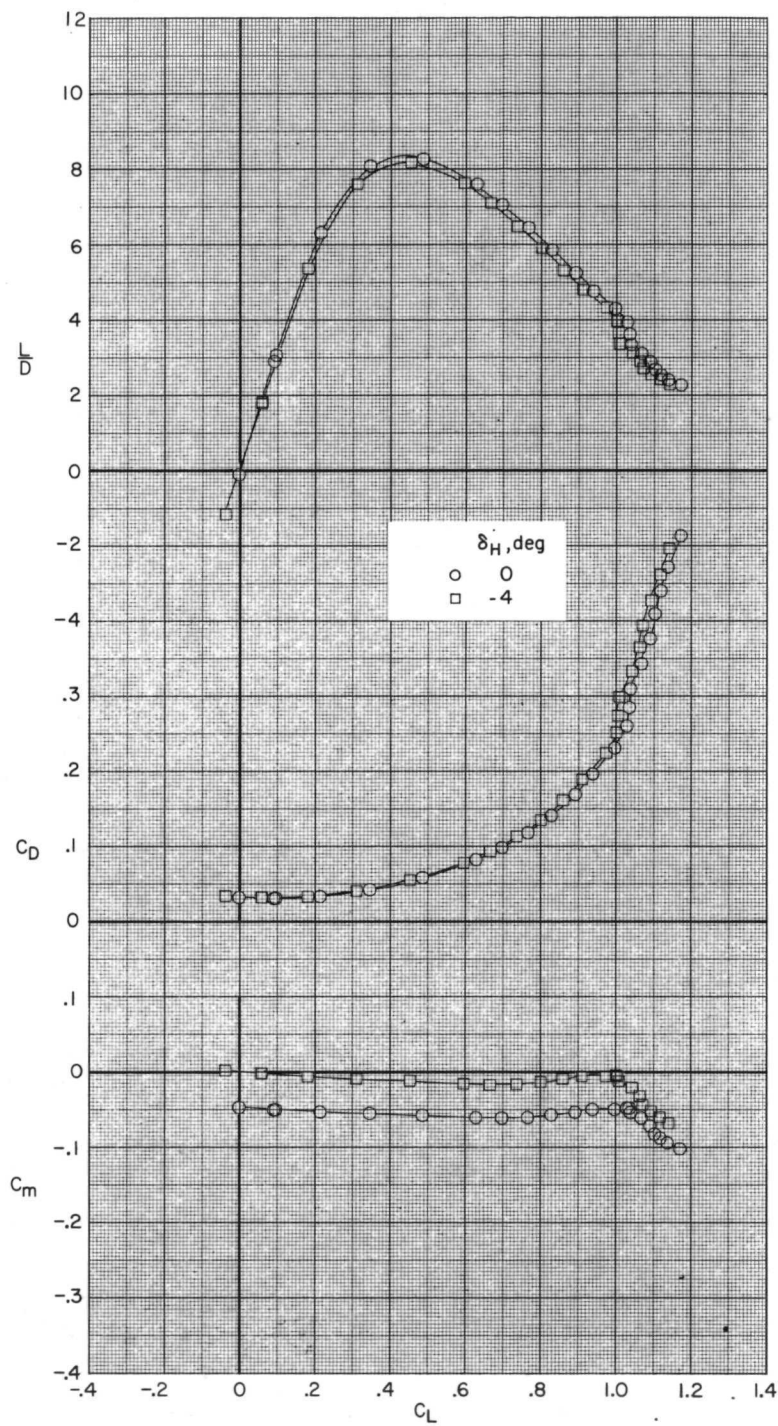
Figure 25.- Concluded.





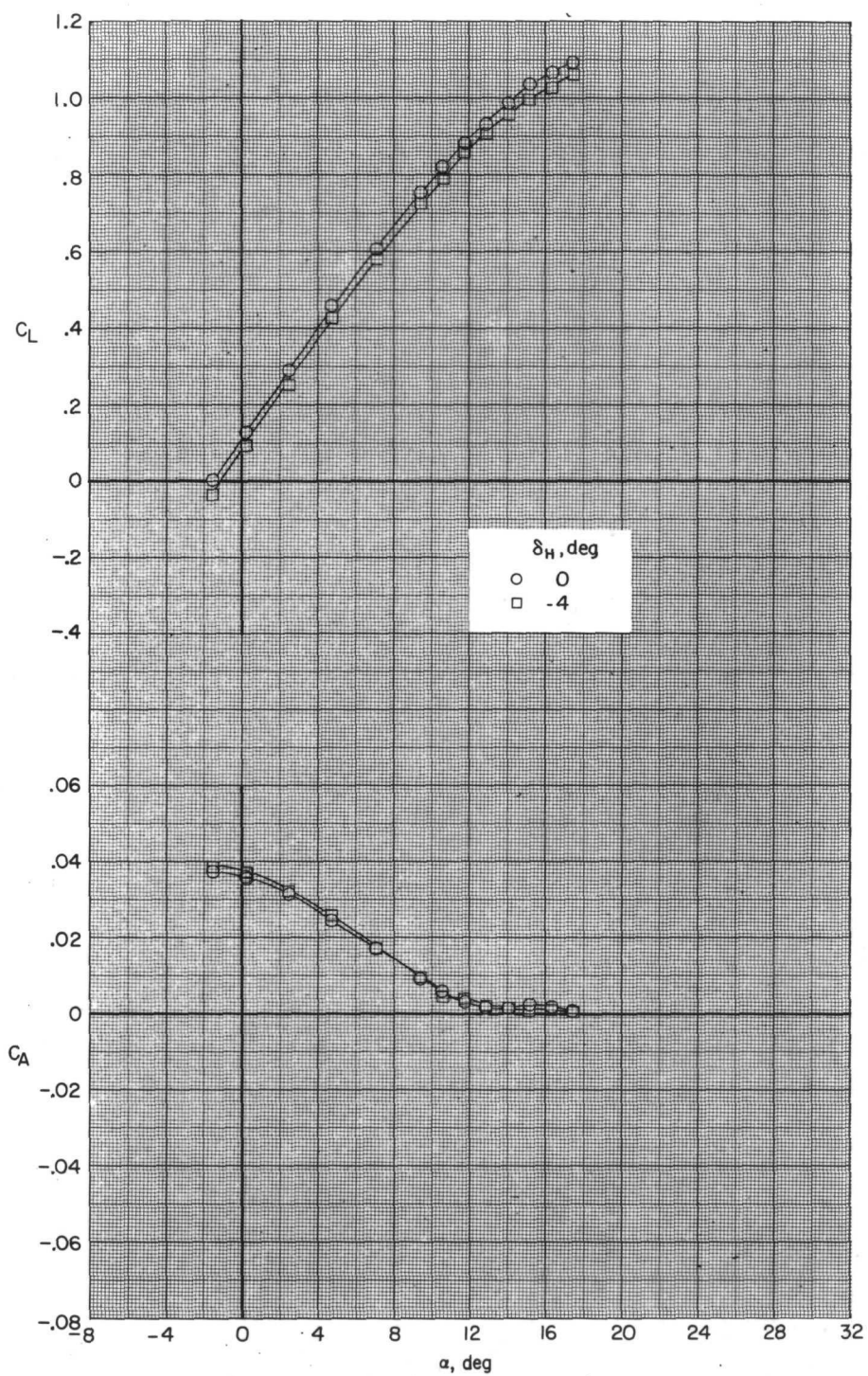
(a)  $M = 0.60$ .

Figure 26.- Effect of horizontal-tail deflection on the longitudinal characteristics of configuration 2 with the  $S_{17_0}S_{18_m}$  slat arrangement and trailing-edge flaps deflected  $7.5^\circ$ .



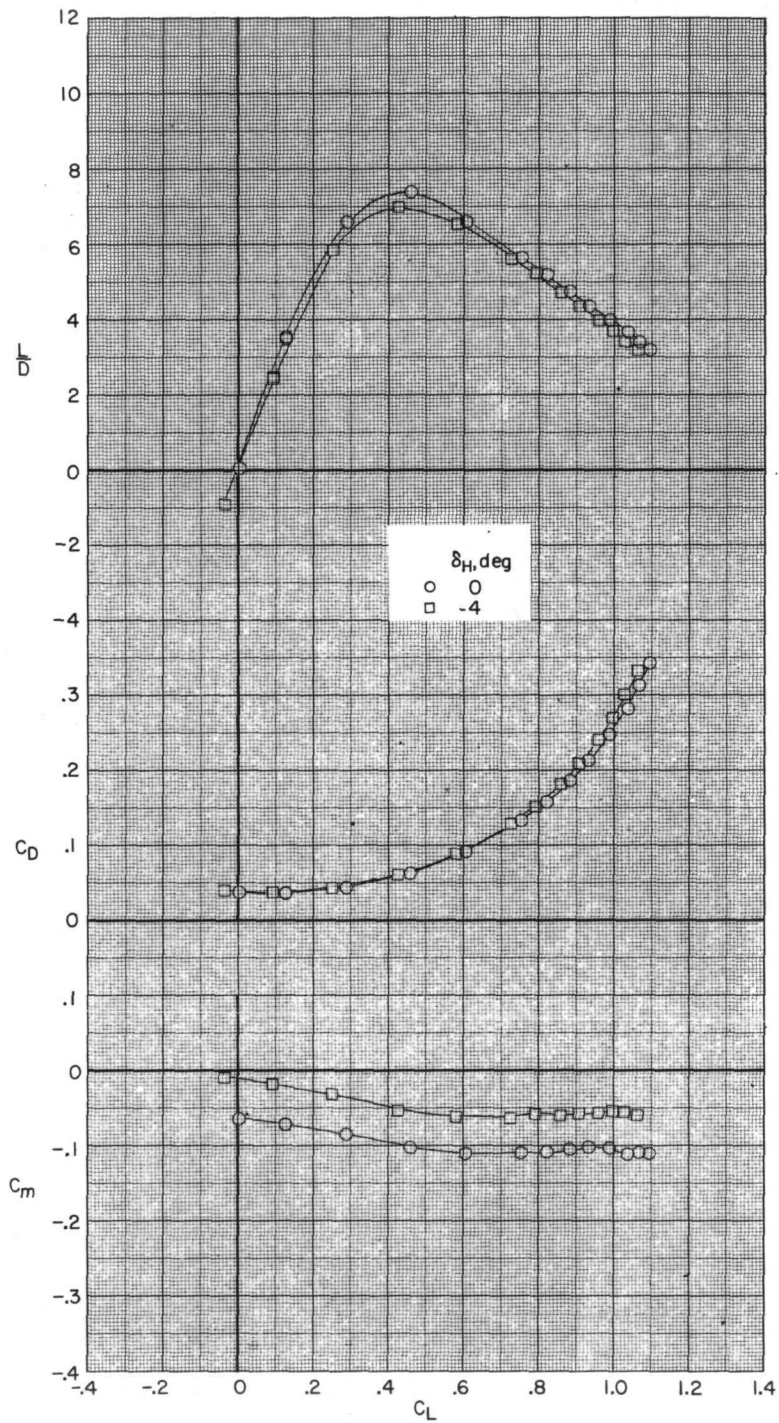
(a) Concluded.

Figure 26.- Continued.



(b)  $M = 0.90$ .

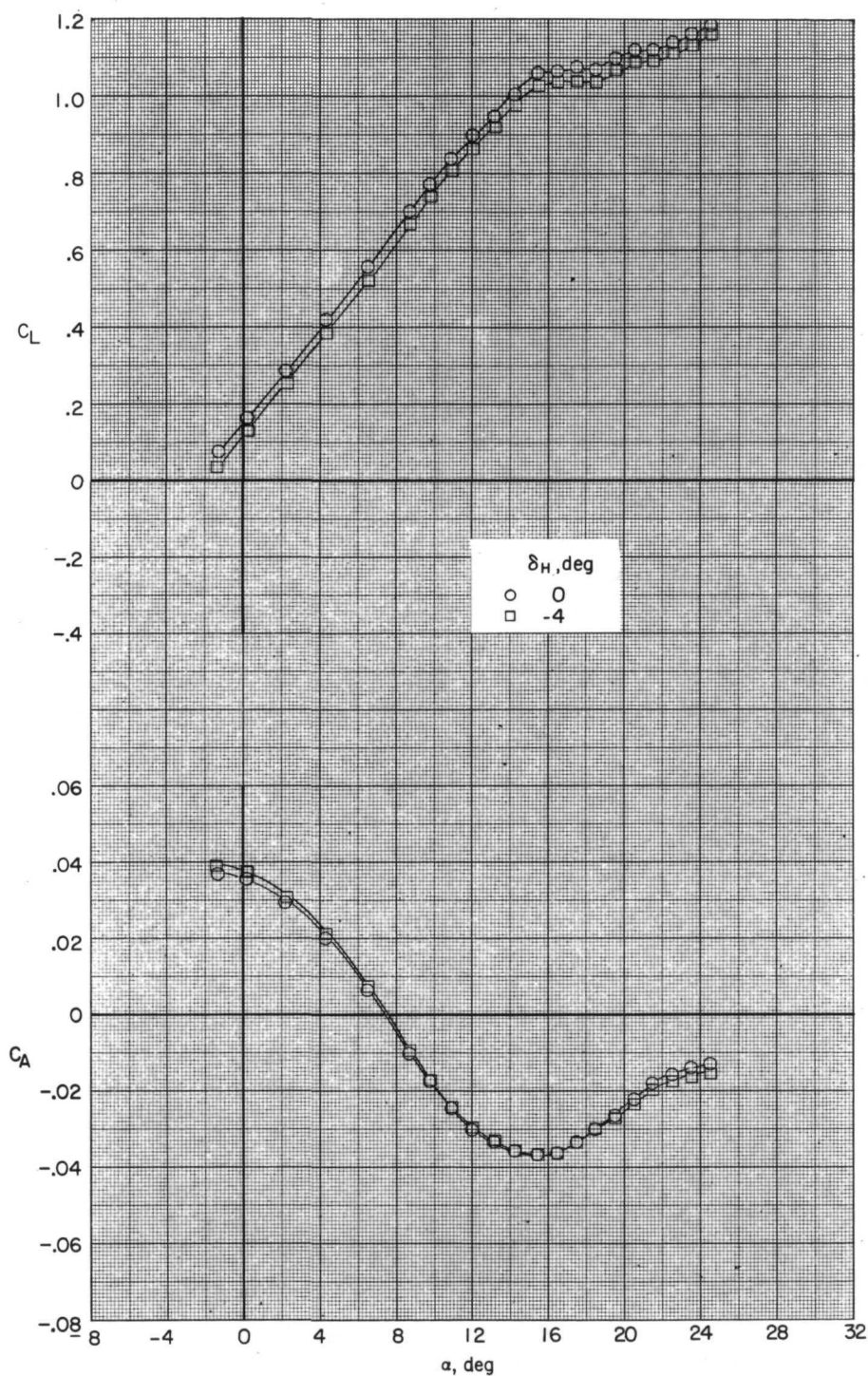
Figure 26.- Continued.



(b) Concluded.

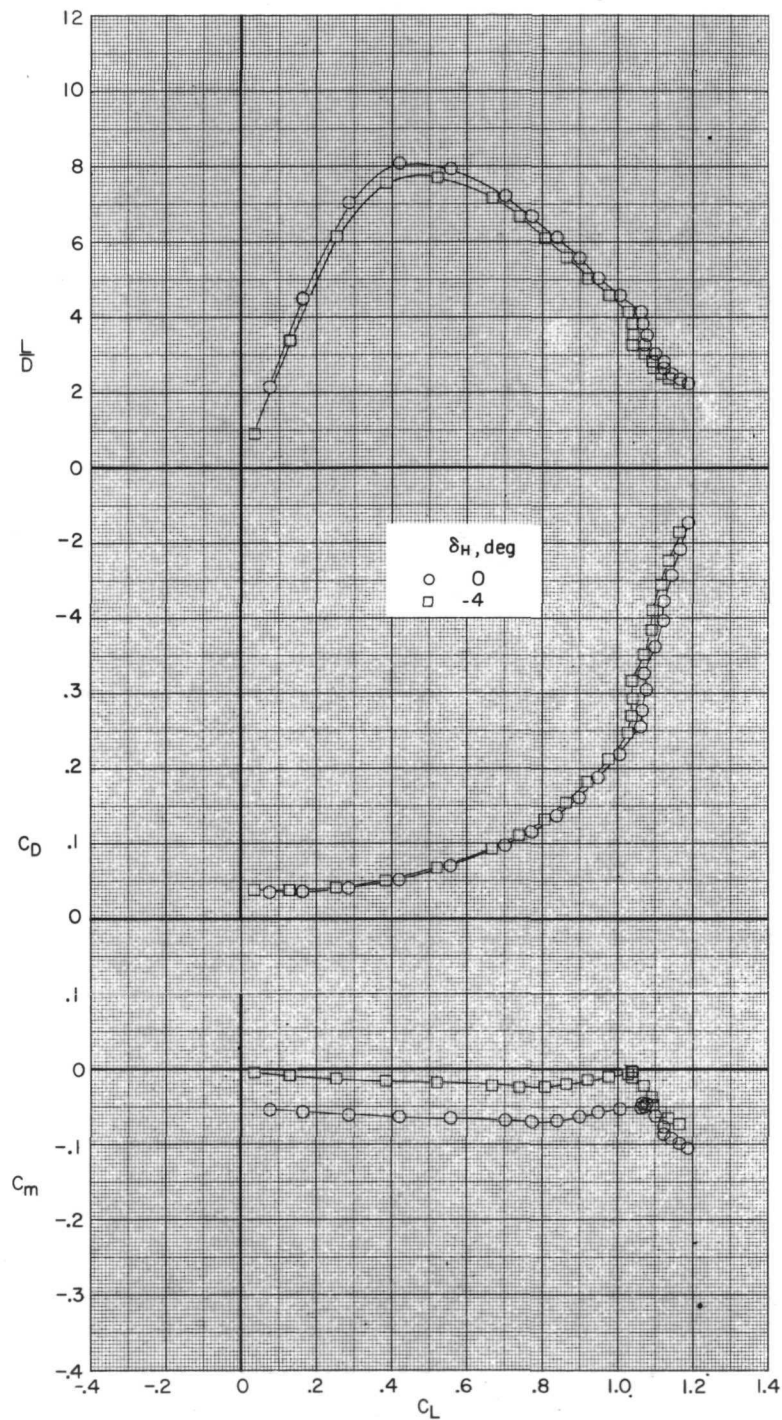
Figure 26.- Concluded.





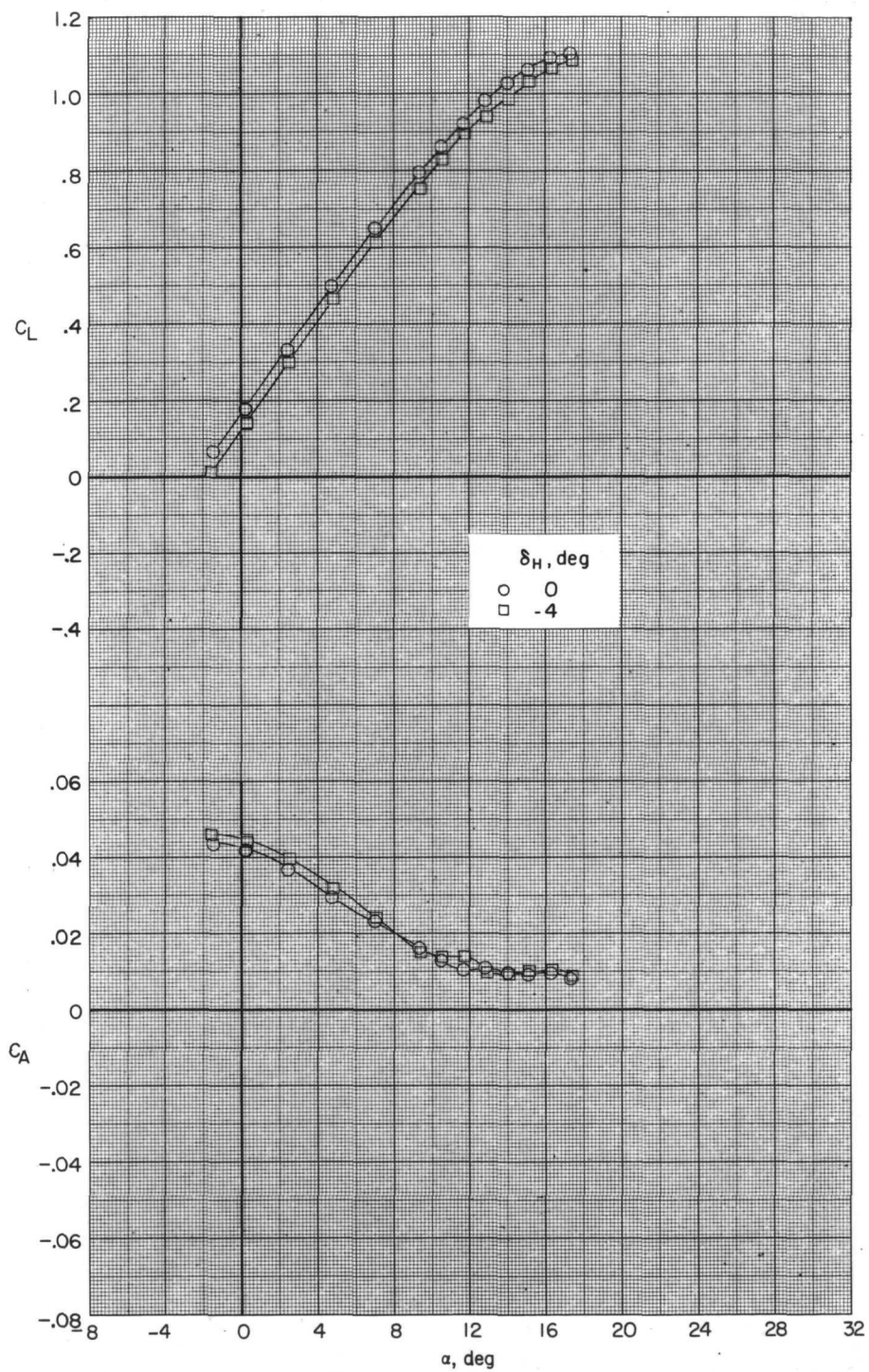
(a)  $M = 0.60$ .

Figure 27.- Effect of horizontal-tail deflection on the longitudinal characteristics of configuration 2 with the  $S_{17_0}S_{18_m}$  slat arrangement and trailing-edge flaps deflected  $15.0^\circ$ .



(a) Concluded.

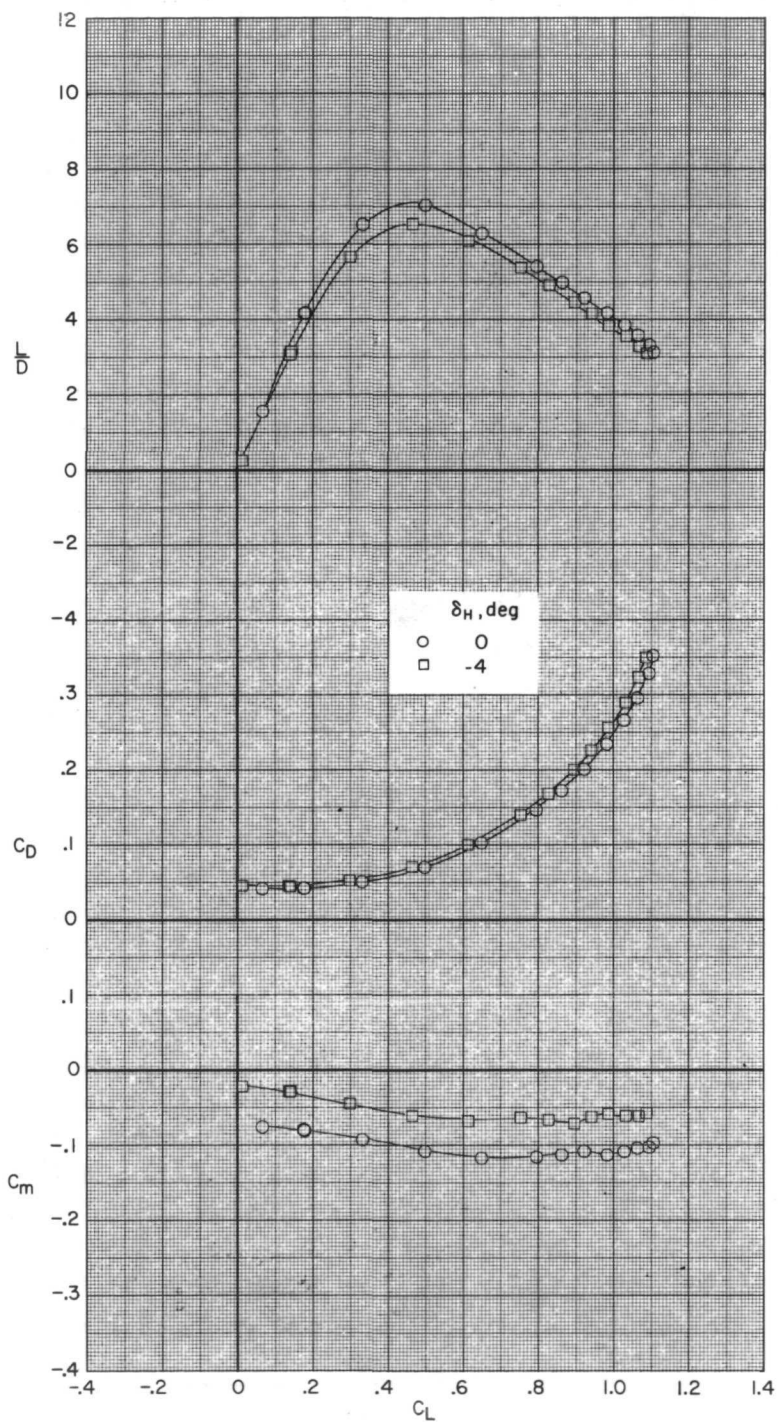
Figure 27.- Continued.



(b)  $M = 0.90$ .

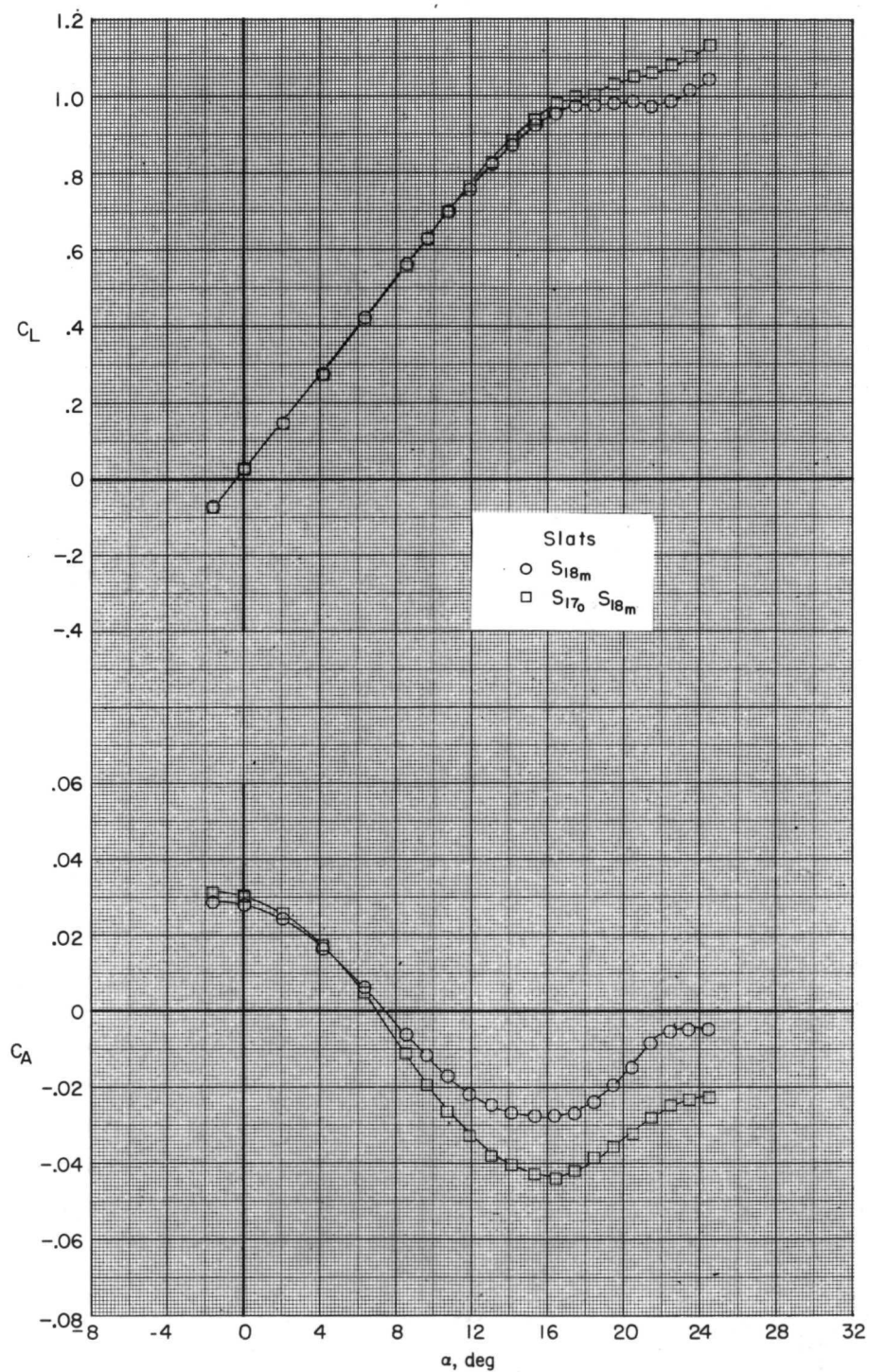
Figure 27.- Continued.





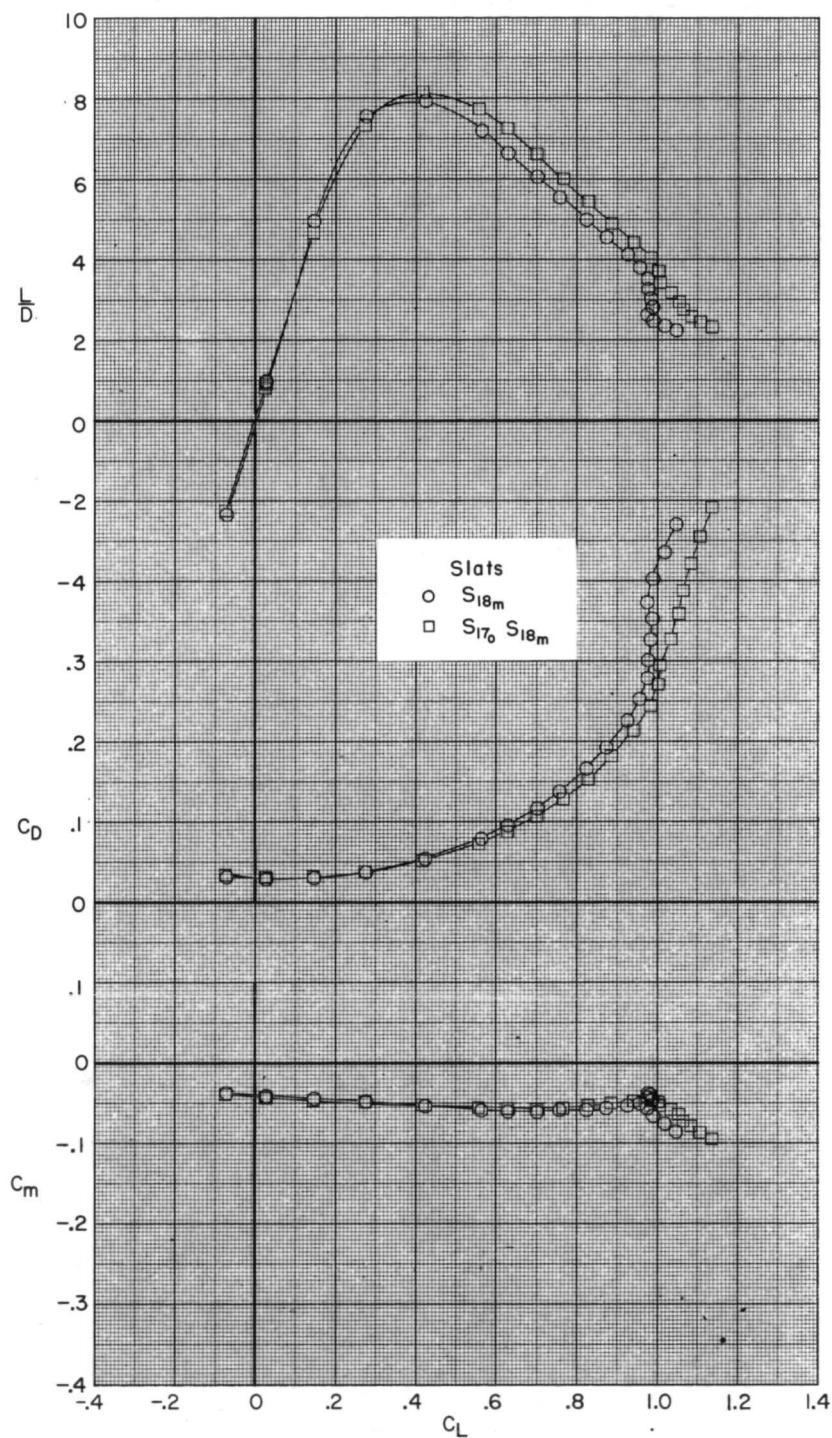
(b) Concluded.

Figure 27.- Concluded.



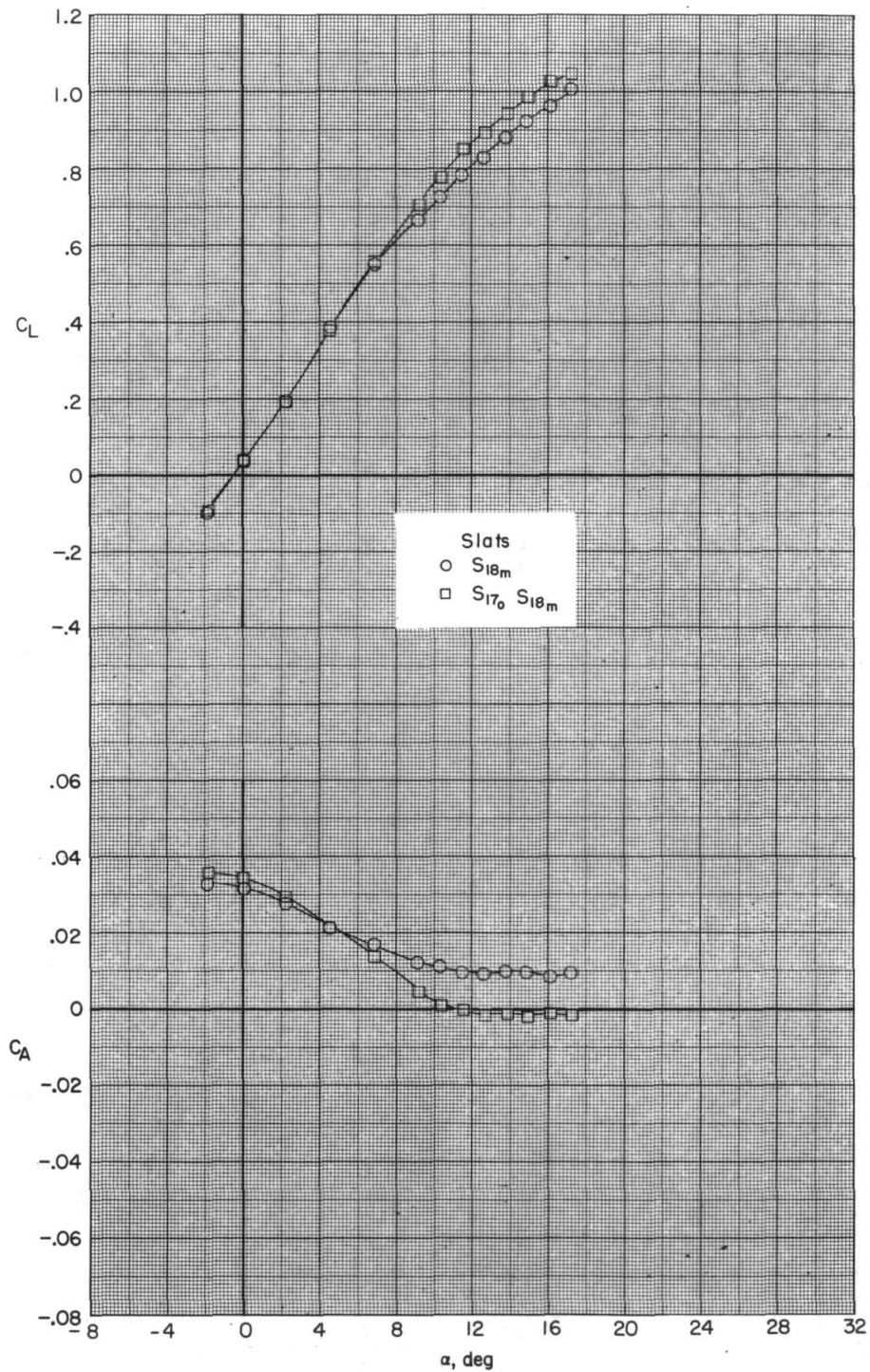
(a)  $M = 0.60$ .

Figure 28.- Effect of the outboard slat  $S_{17_0}$  on the longitudinal characteristics of configuration 1 with the midspan slat arrangement  $S_{18_m}$ .



(a) Concluded.

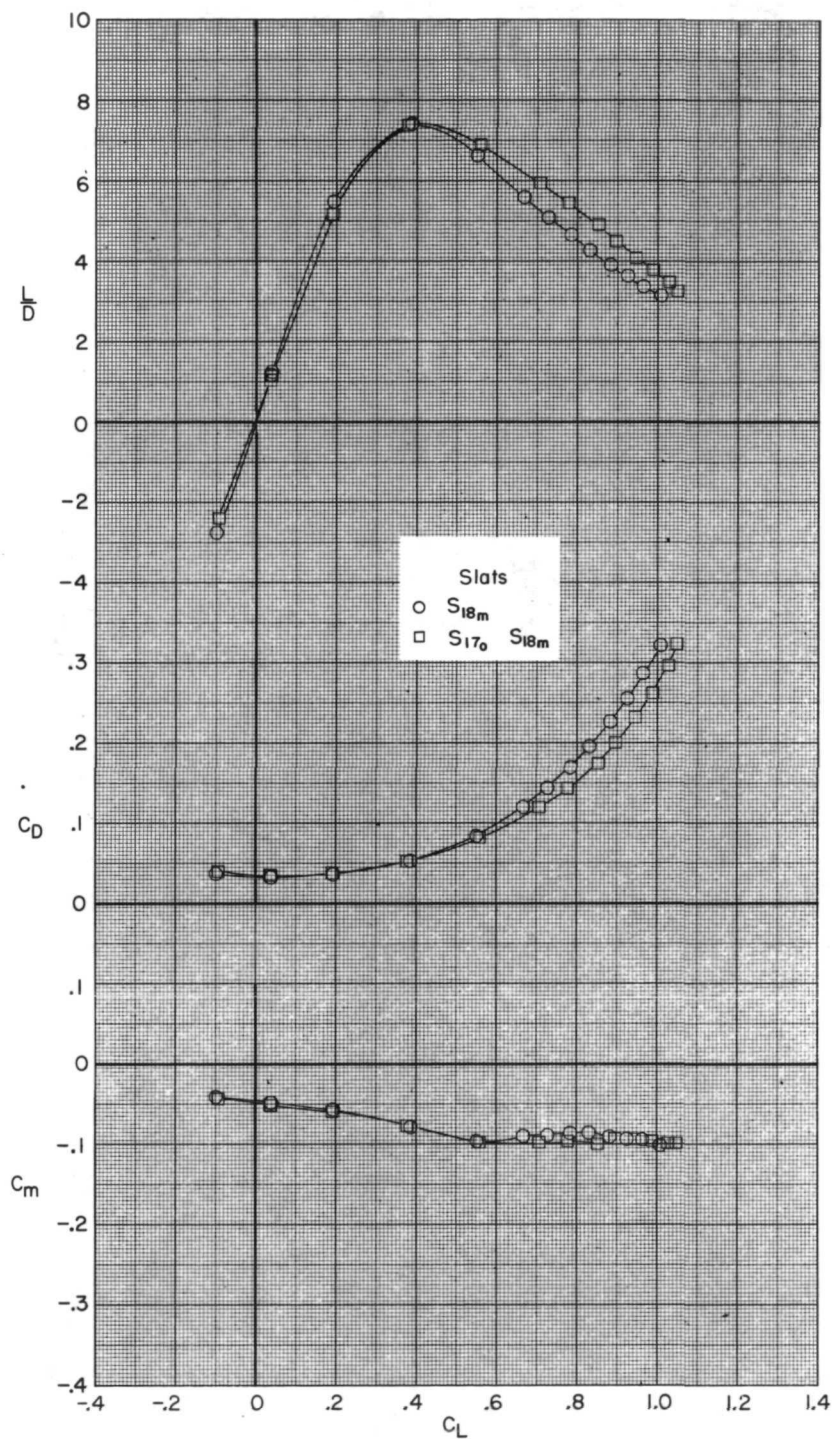
Figure 28.- Continued.



(b)  $M = 0.90$ .

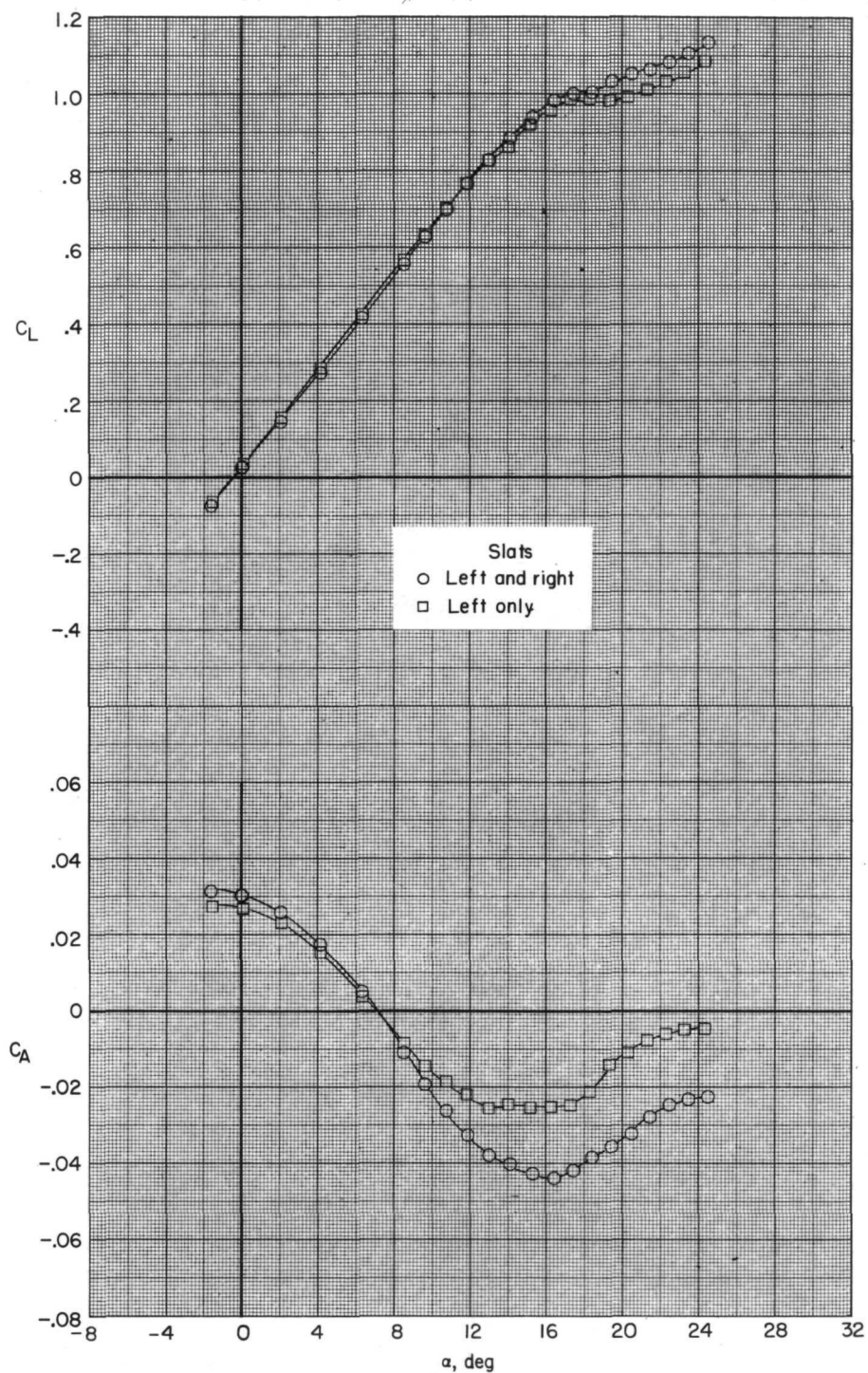
Figure 28.- Continued.





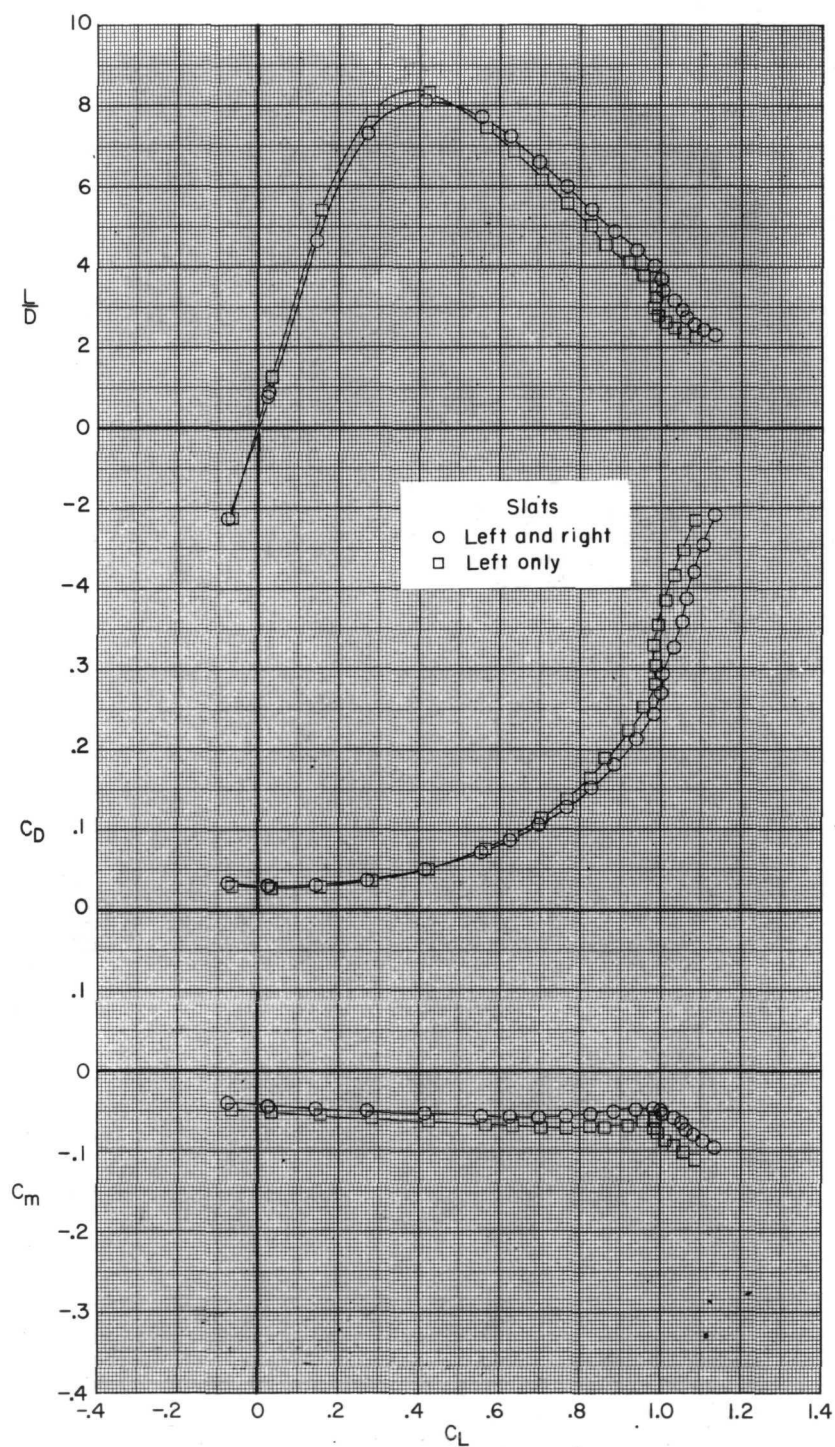
(b) Concluded.

Figure 28.- Concluded.



(a)  $M = 0.60$ .

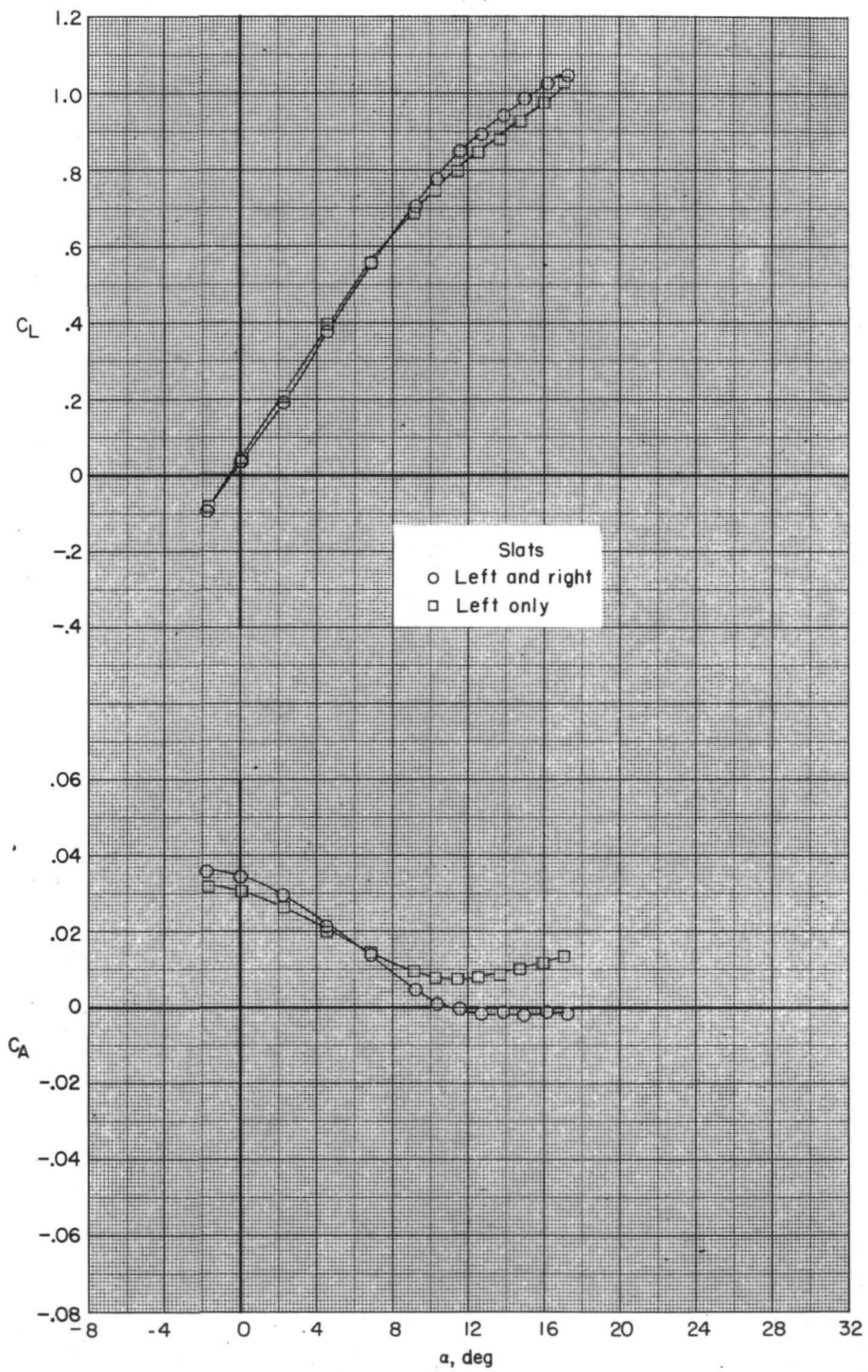
Figure 29.- Effect of retracting the right wing slats on the longitudinal characteristics of configuration 1 with the  $S_{17_0} S_{18_m}$  slat arrangement.



(a) Concluded.

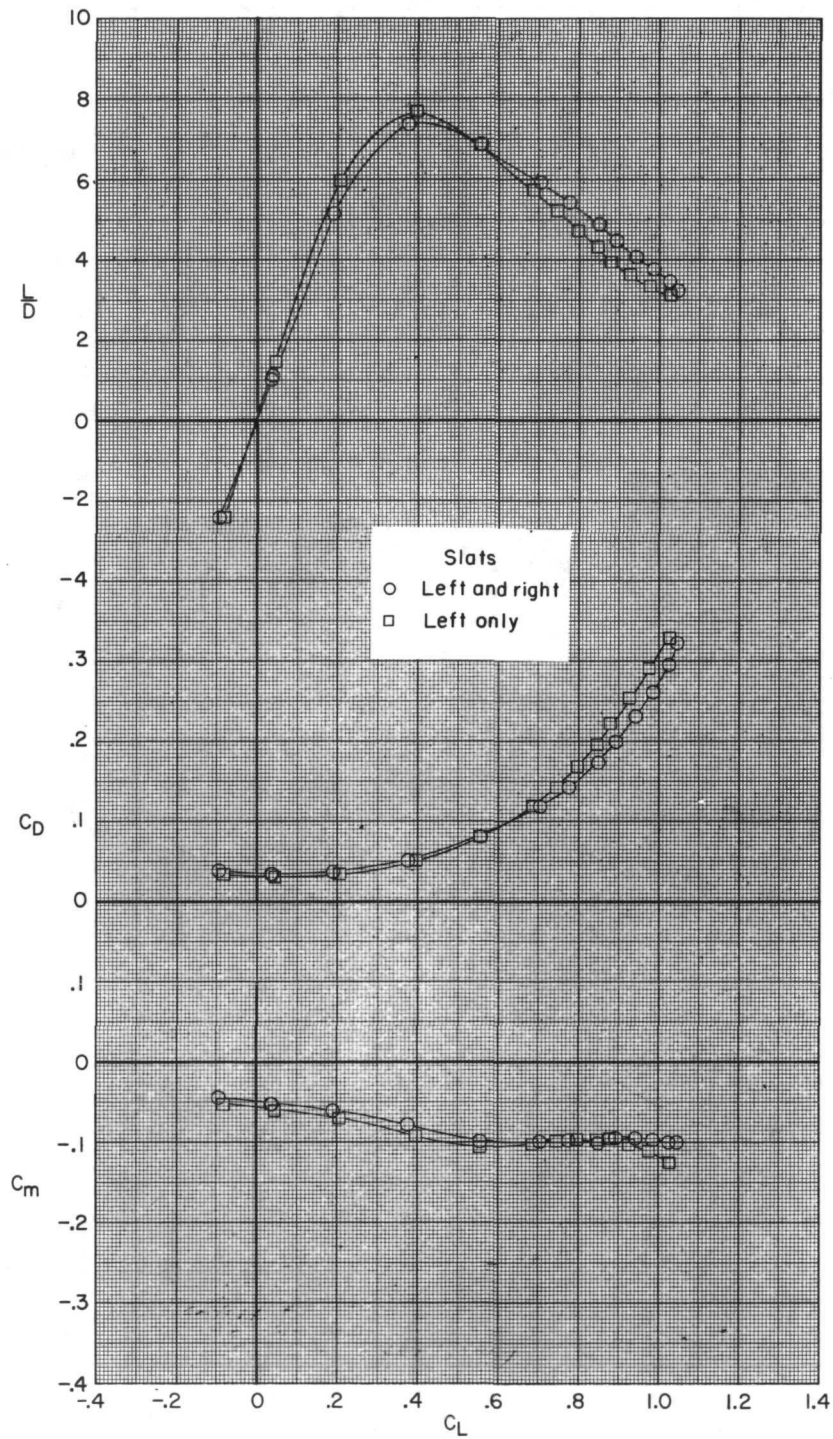
Figure 29.- Continued.





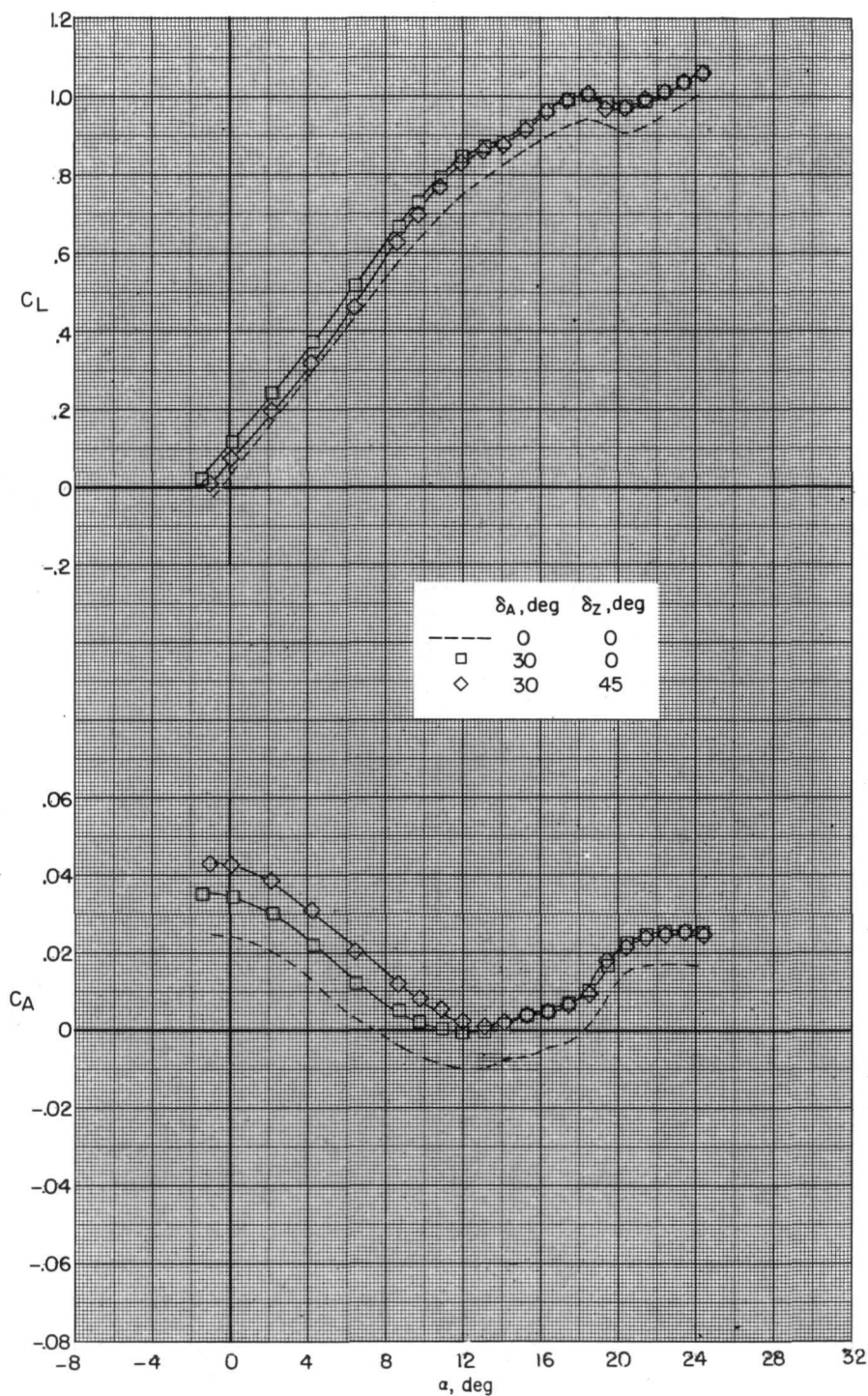
(b)  $M = 0.90$ .

Figure 29.- Continued.



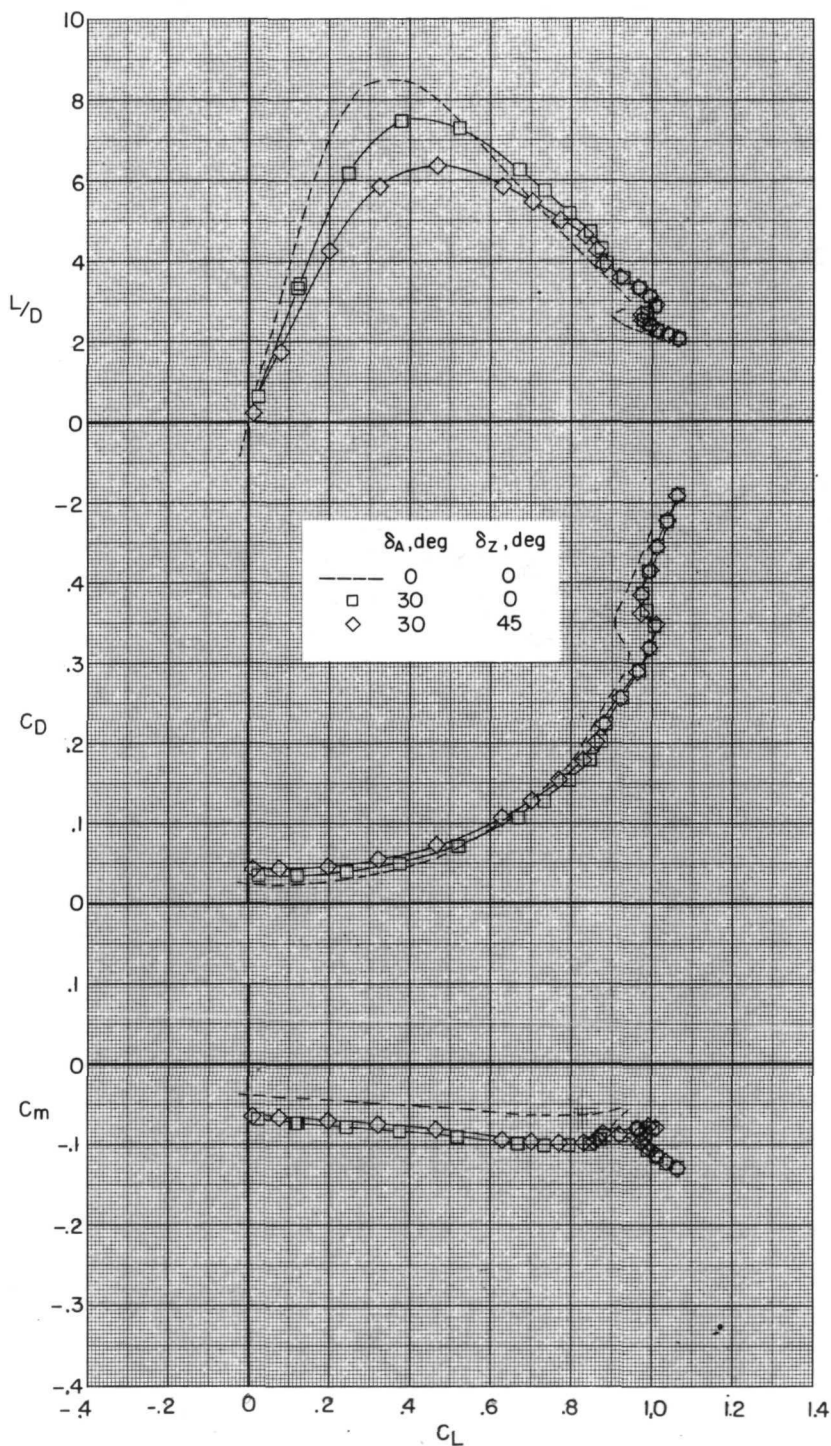
(b) Concluded.

Figure 29.- Concluded.



(a)  $M = 0.60$ .

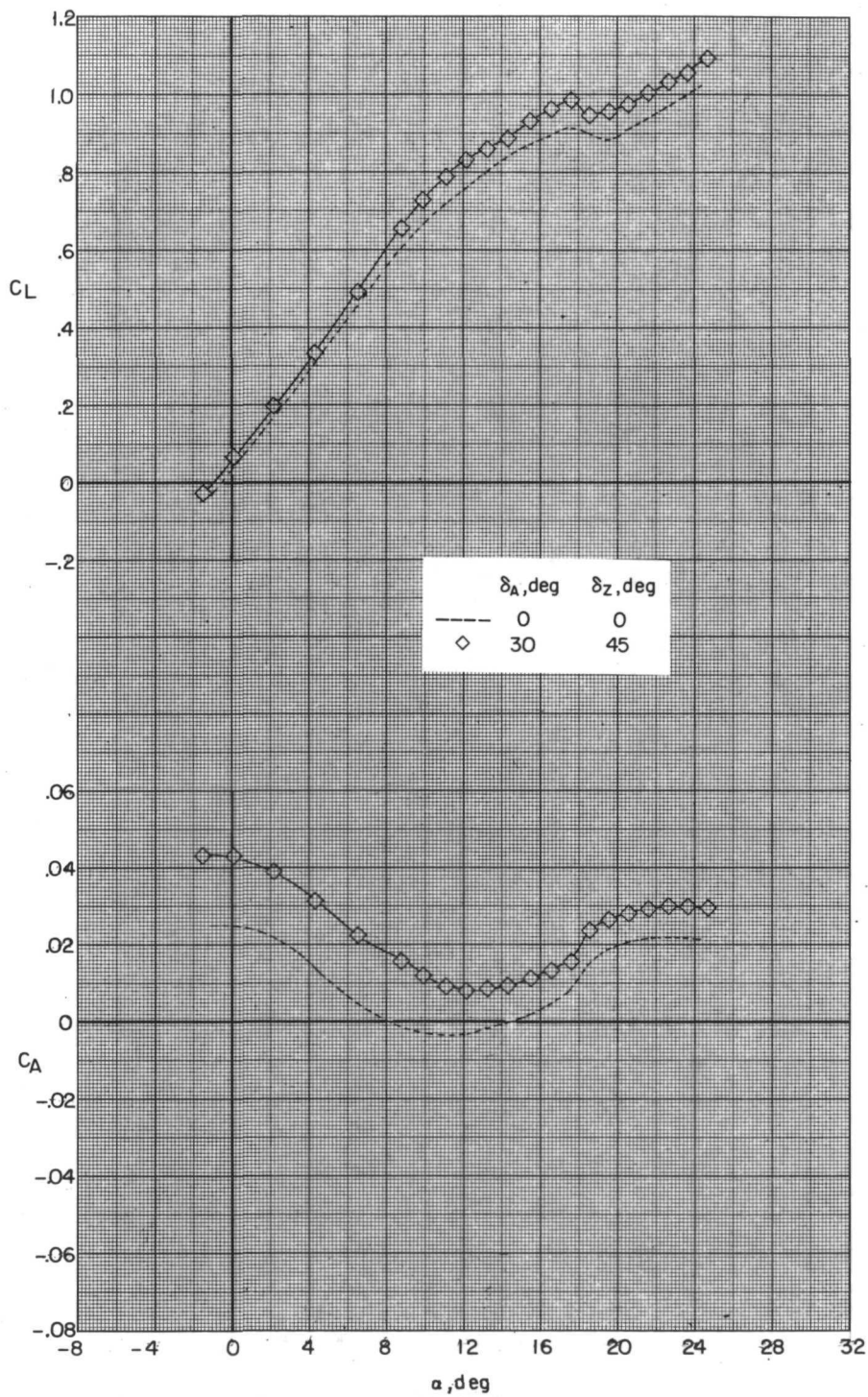
Figure 30.- Effect of aileron and spoiler deflections on the longitudinal characteristics of configuration 1.



(a) Concluded.

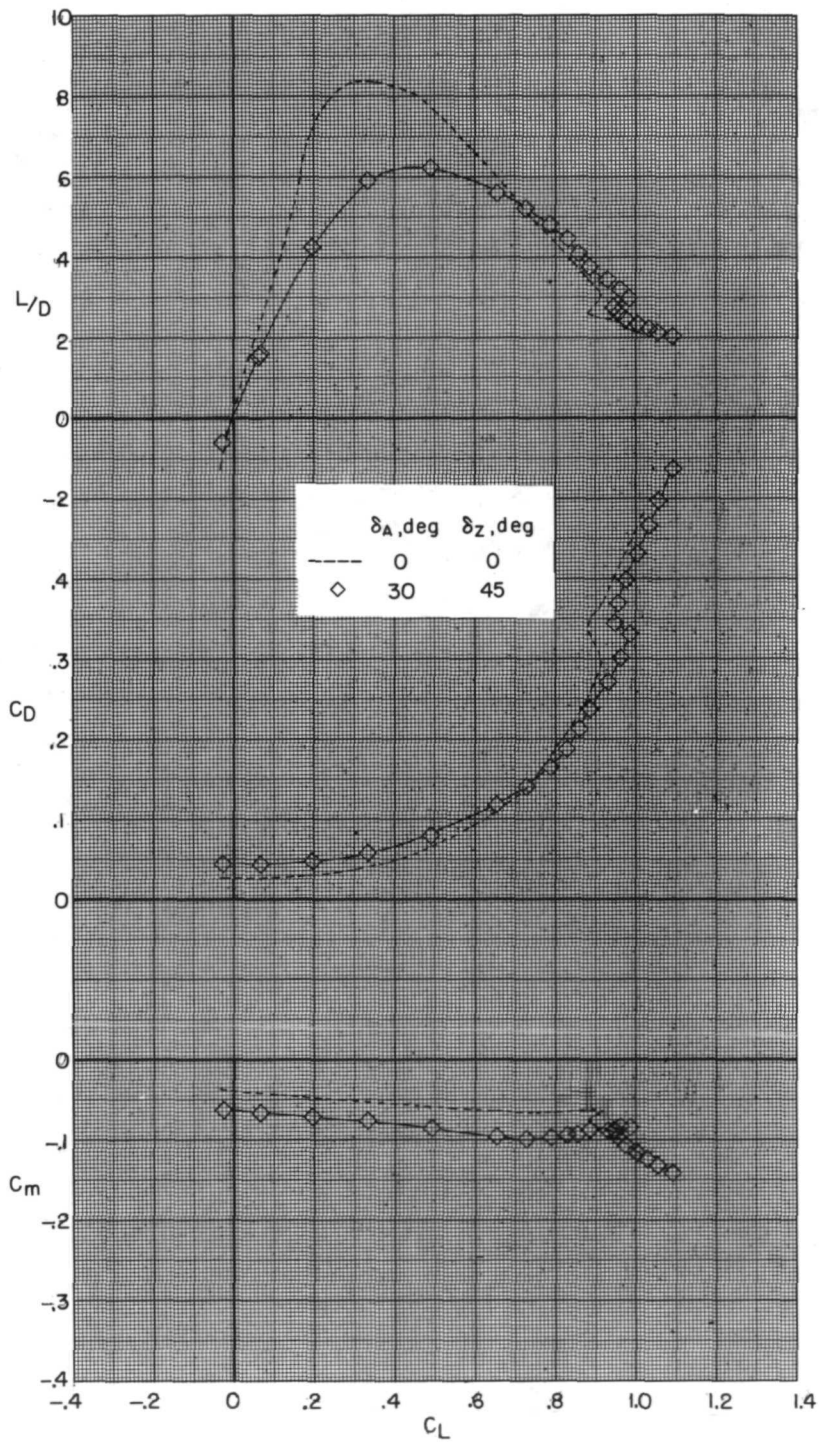
Figure 30.- Continued.





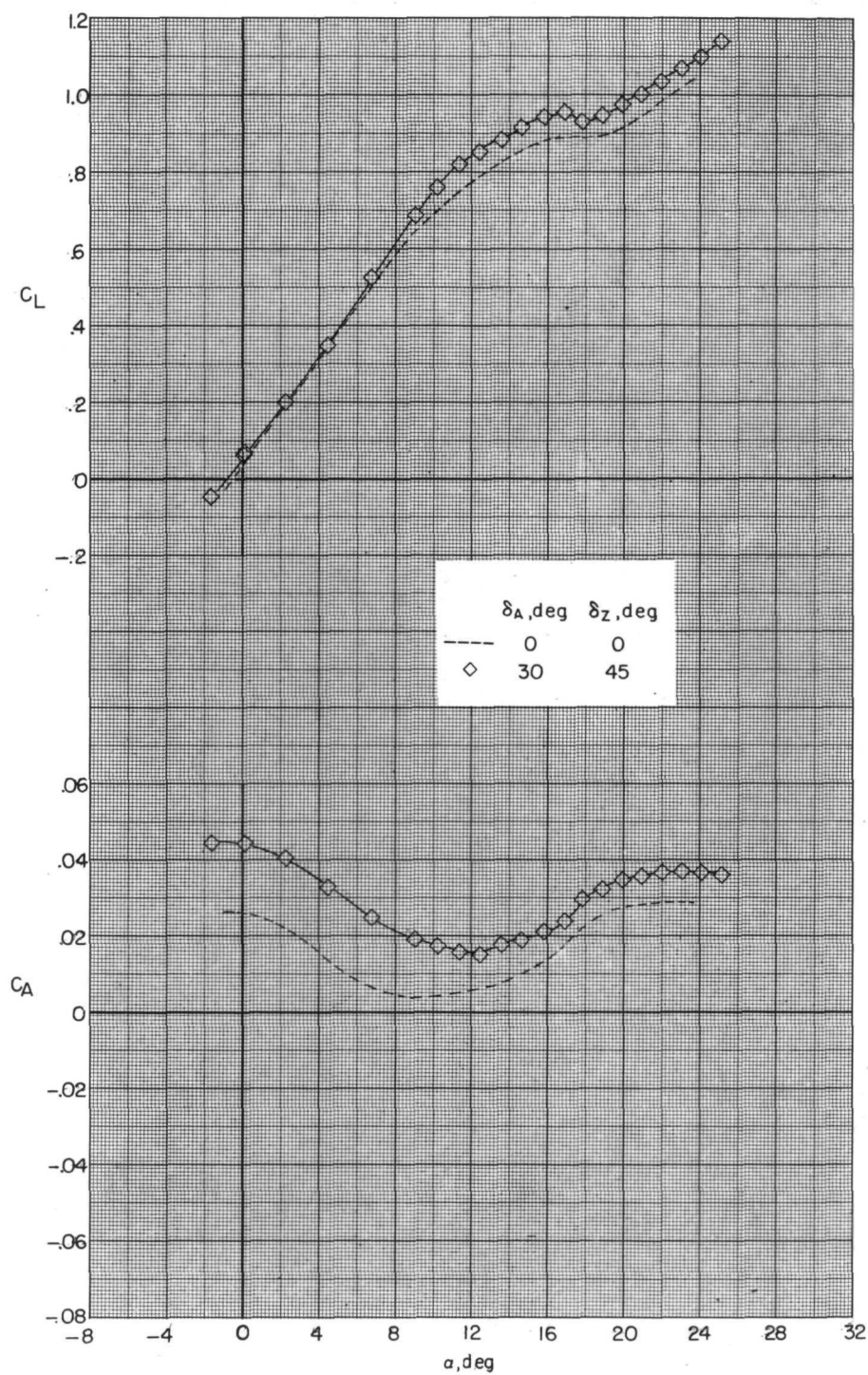
(b)  $M = 0.70$ .

Figure 30.- Continued.



(b) Concluded.

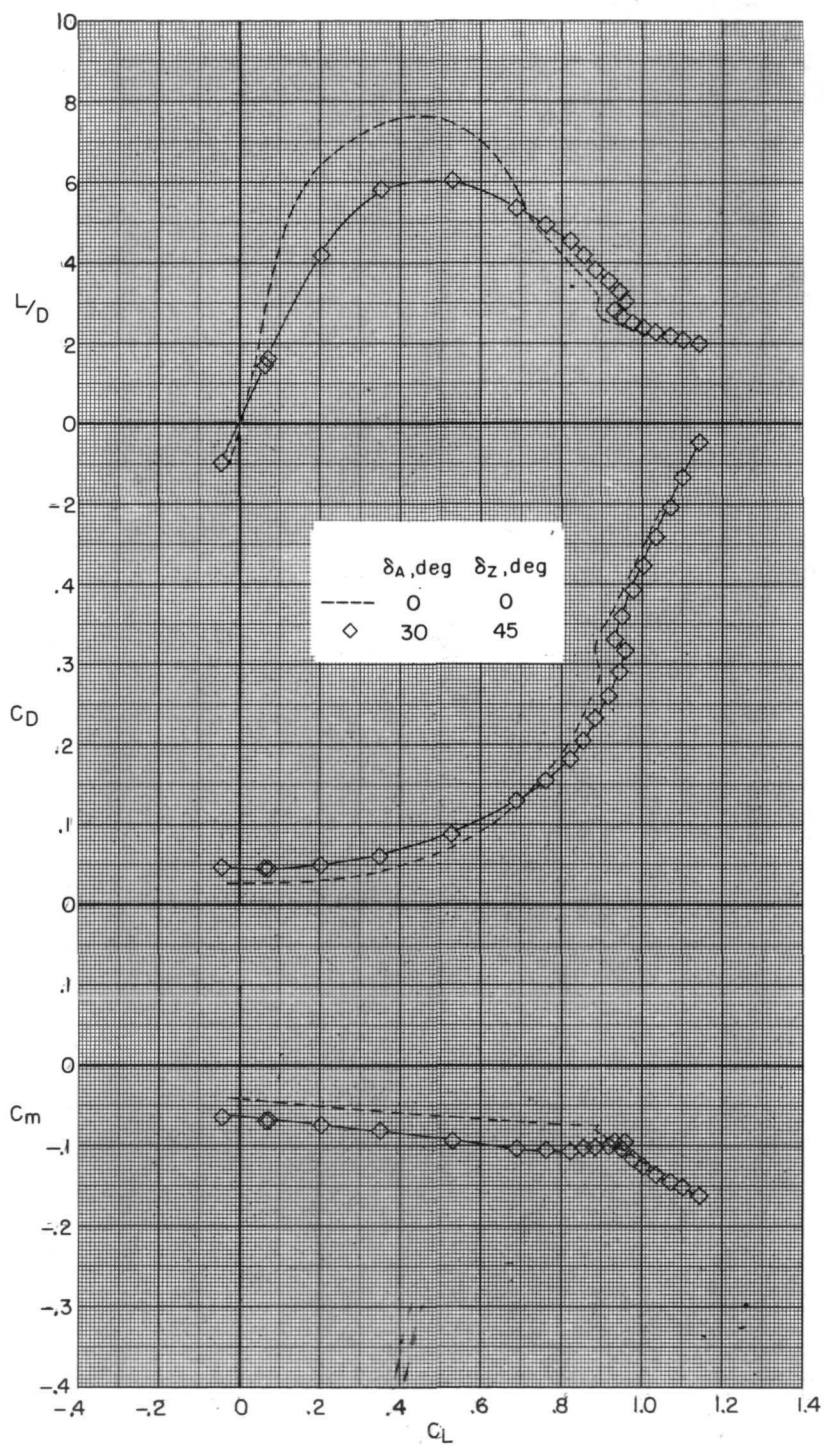
Figure 30.- Continued.



(c)  $M = 0.80$ .

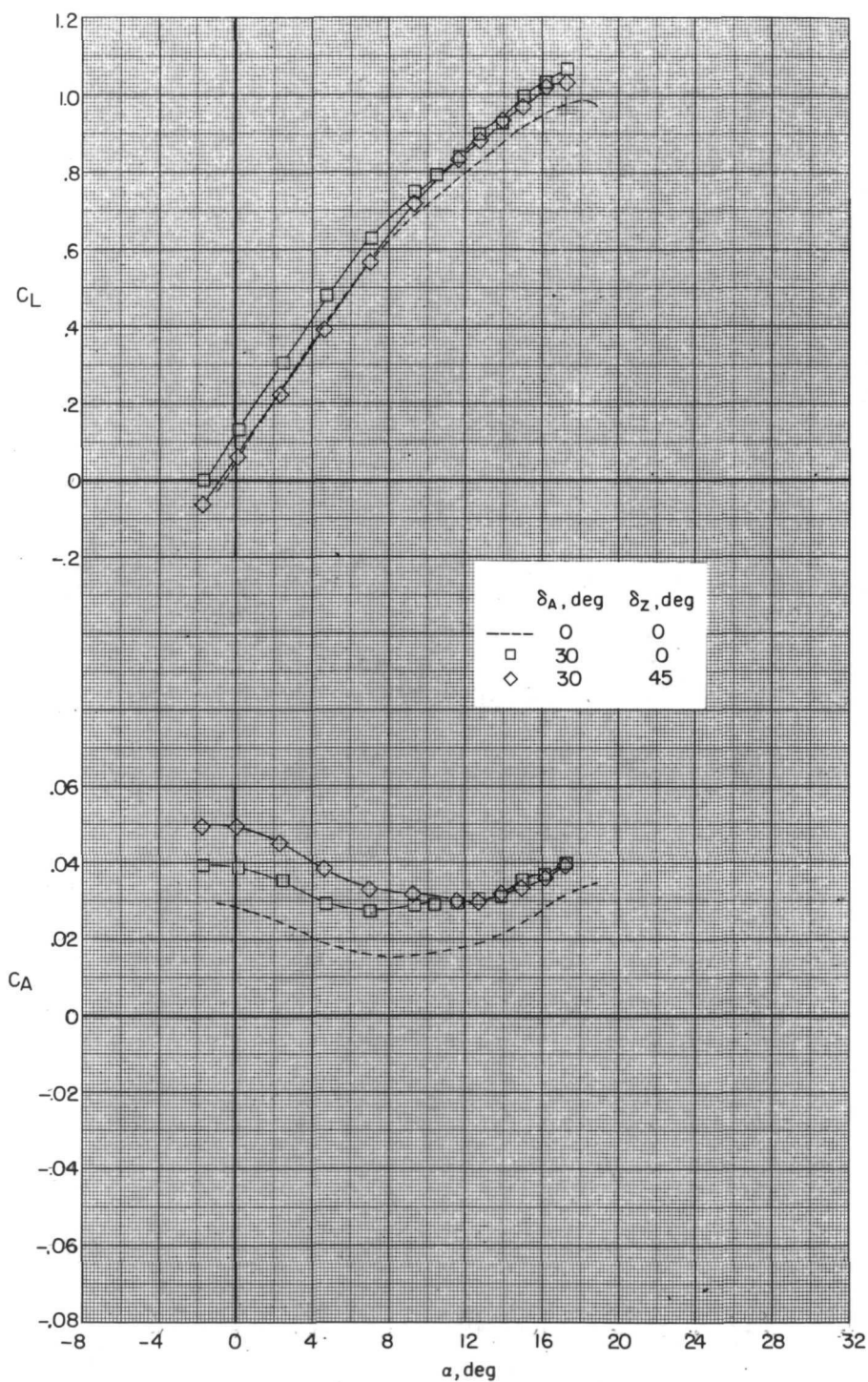
Figure 30.- Continued.





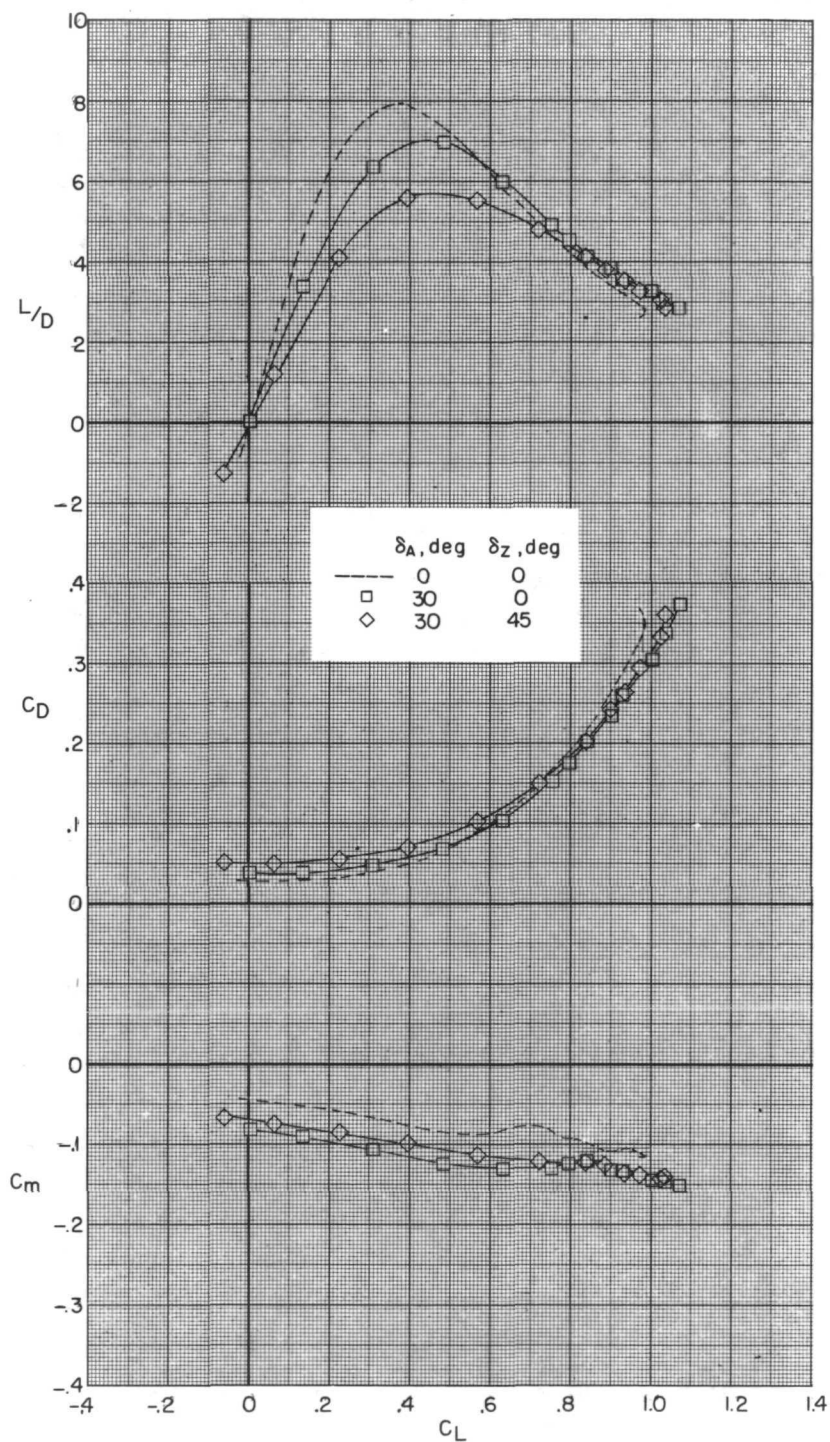
(c) Concluded.

Figure 30.- Continued.



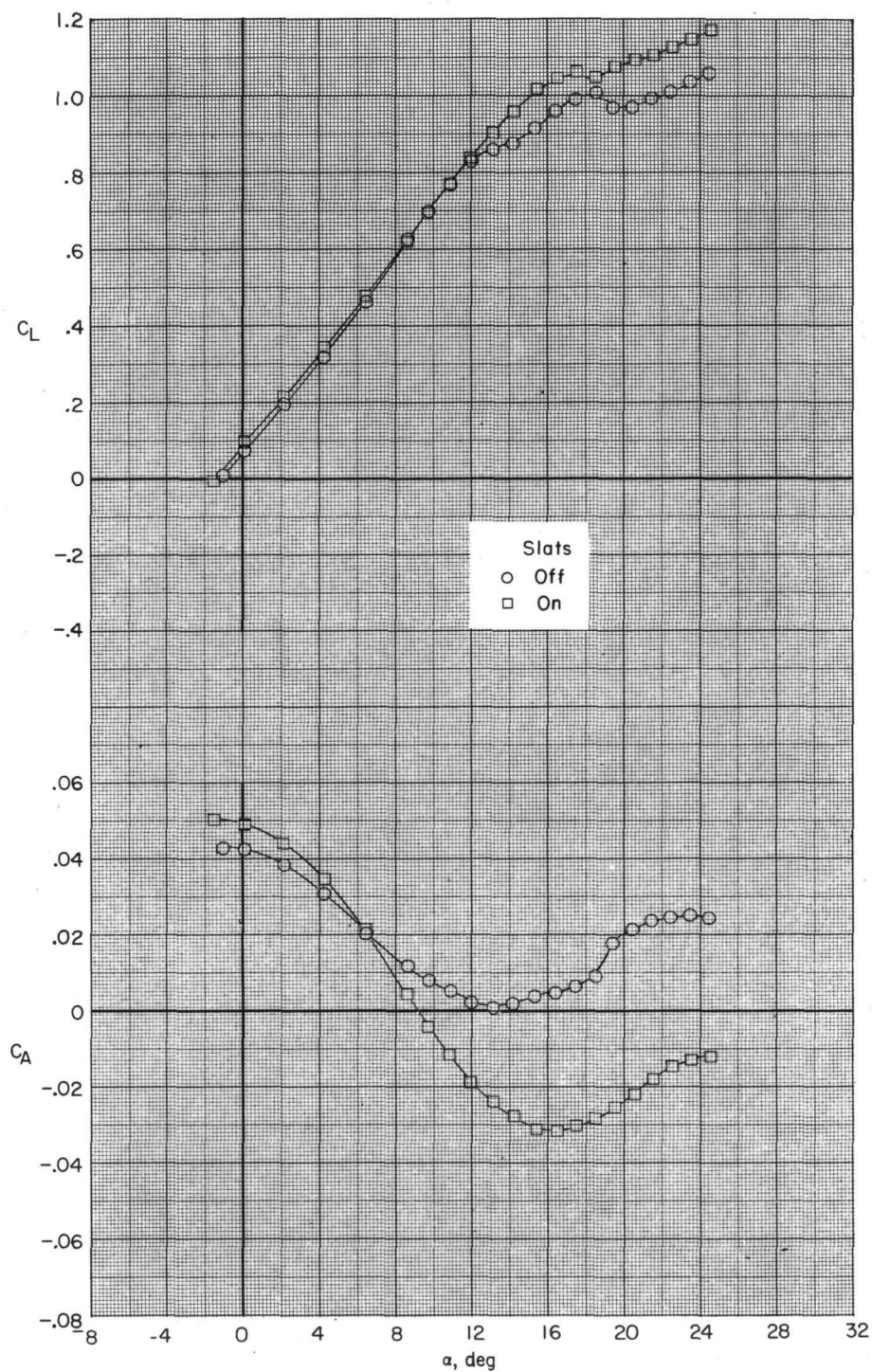
(d)  $M = 0.90$ .

Figure 30.- Continued.



(d) Concluded.

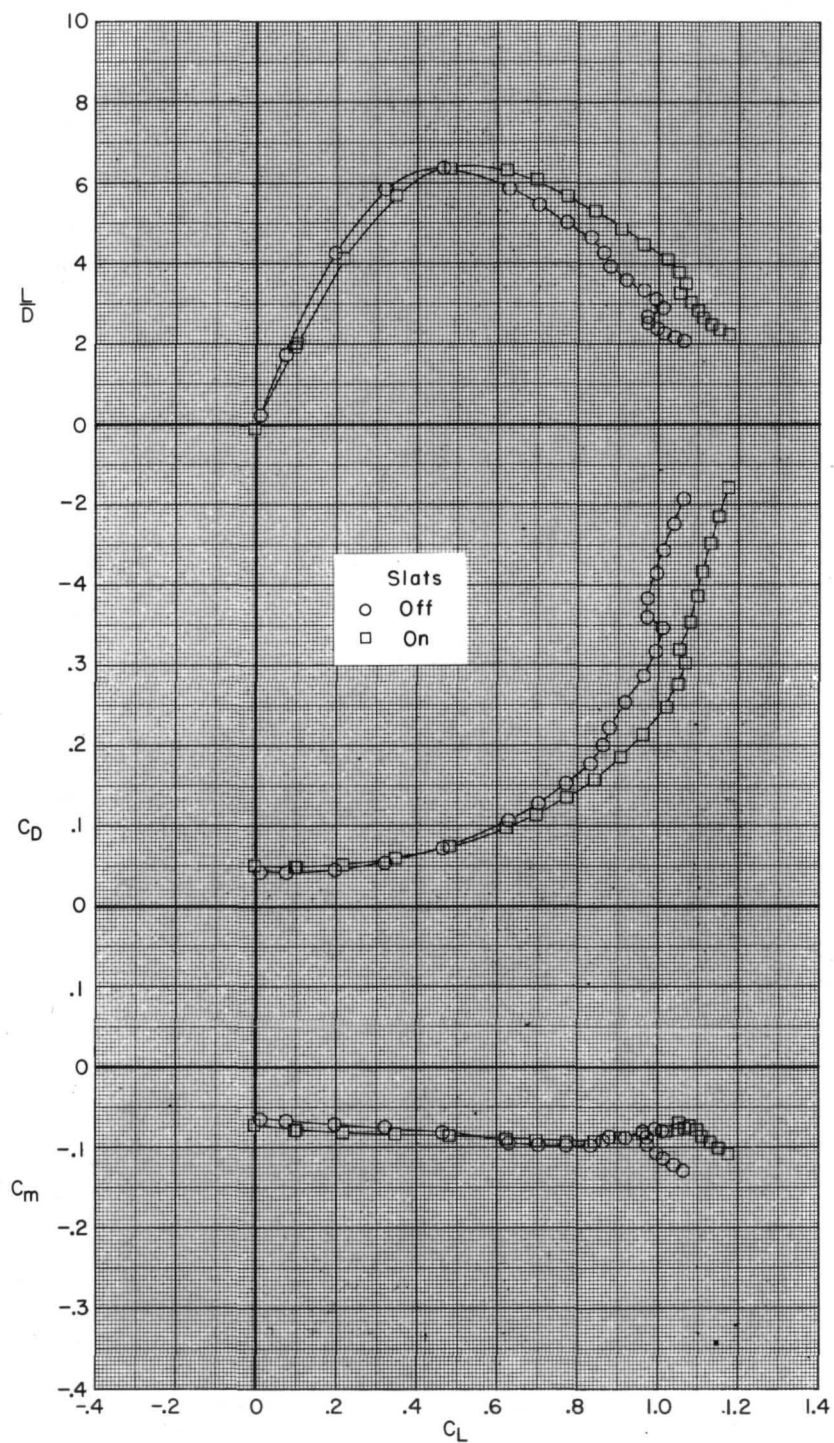
Figure 30.- Concluded.



(a)  $M = 0.60$ .

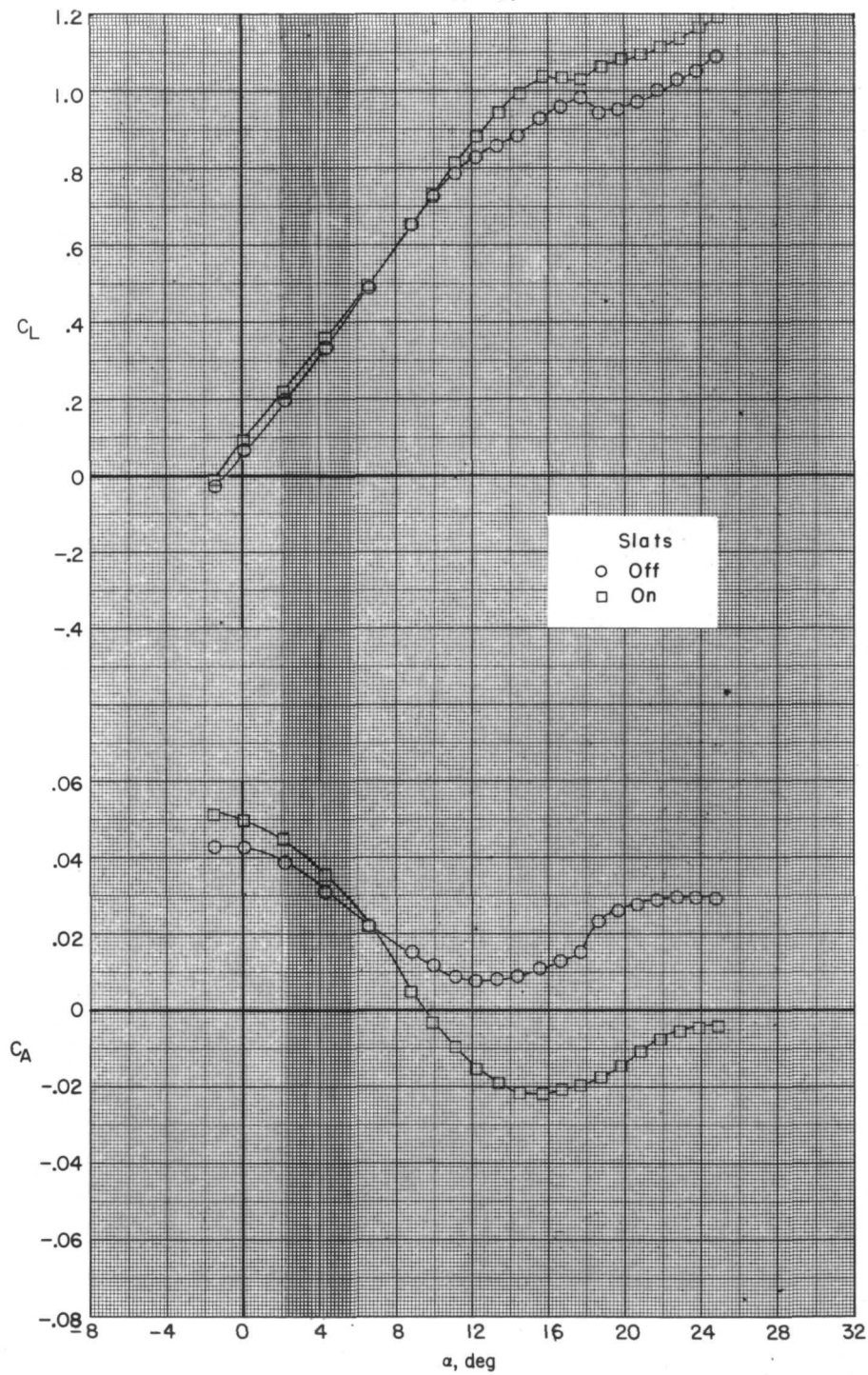
Figure 31.- Effect of the  $S_{17_0} S_{18_m}$  slat arrangement on the longitudinal characteristics of configuration 1 with the aileron deflected to  $30^\circ$  and the spoiler deflected to  $45^\circ$ .





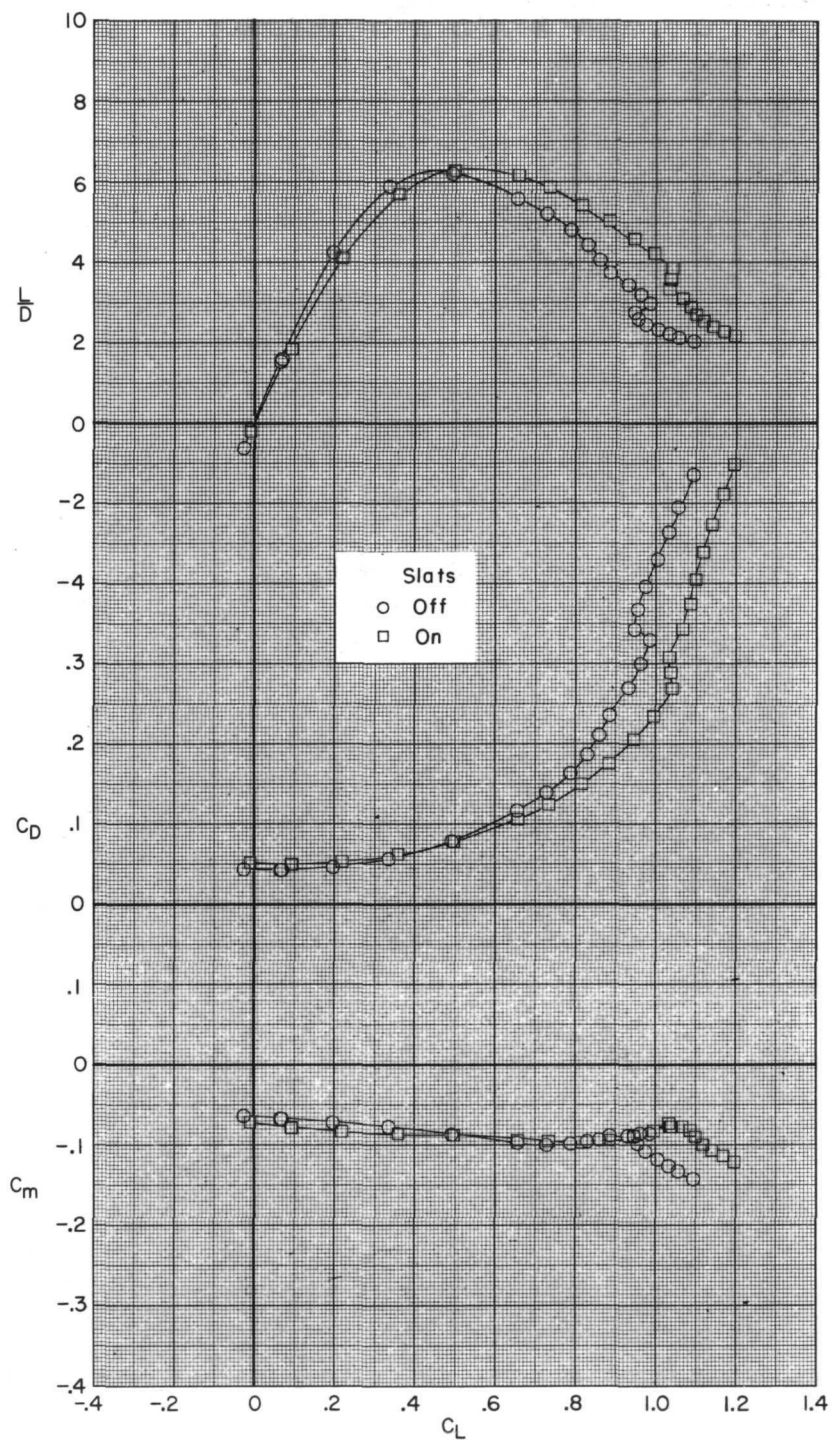
(a) Concluded.

Figure 31.- Continued.



(b)  $M = 0.70$ .

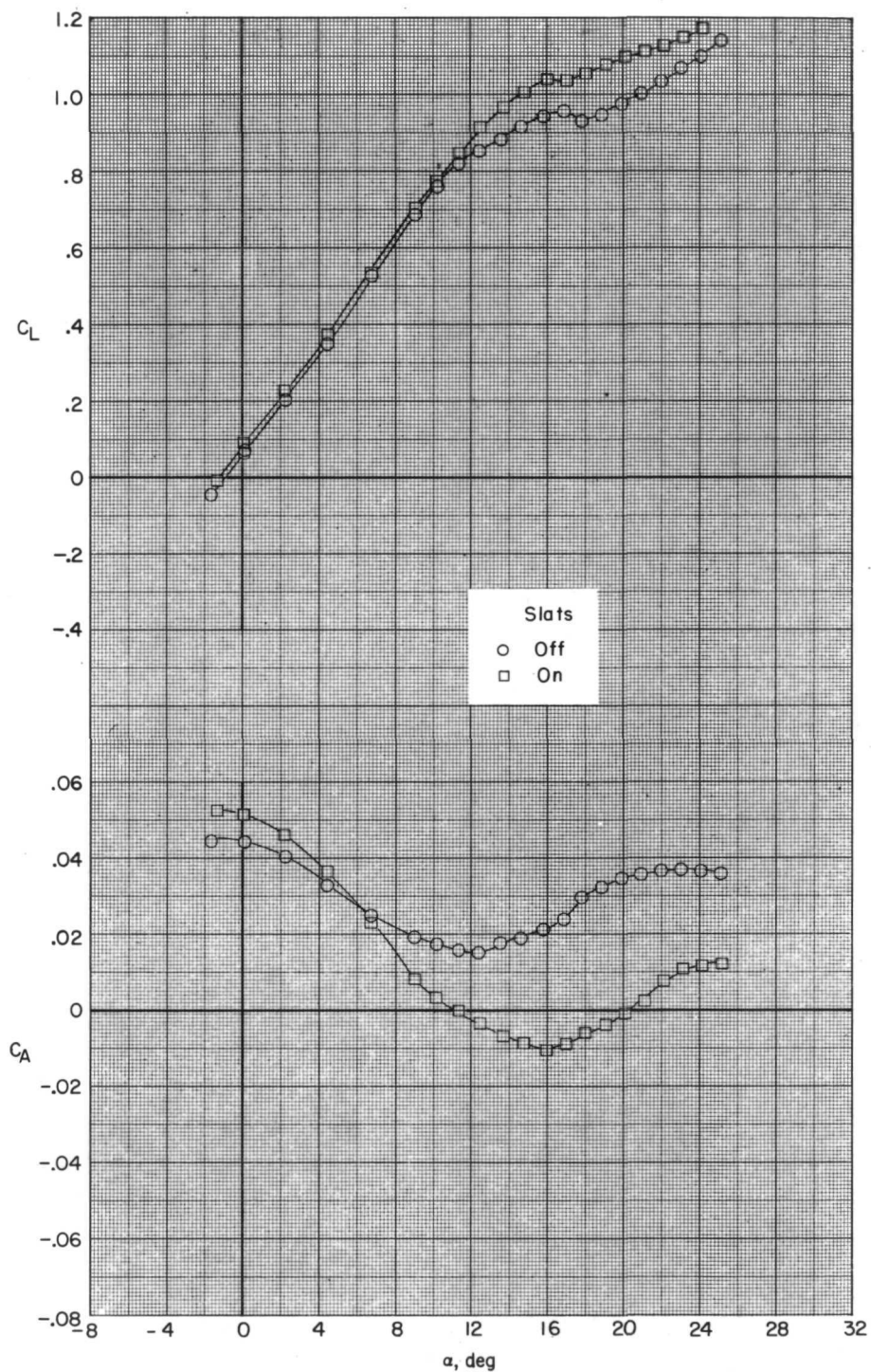
Figure 31.- Continued.



(b) Concluded.

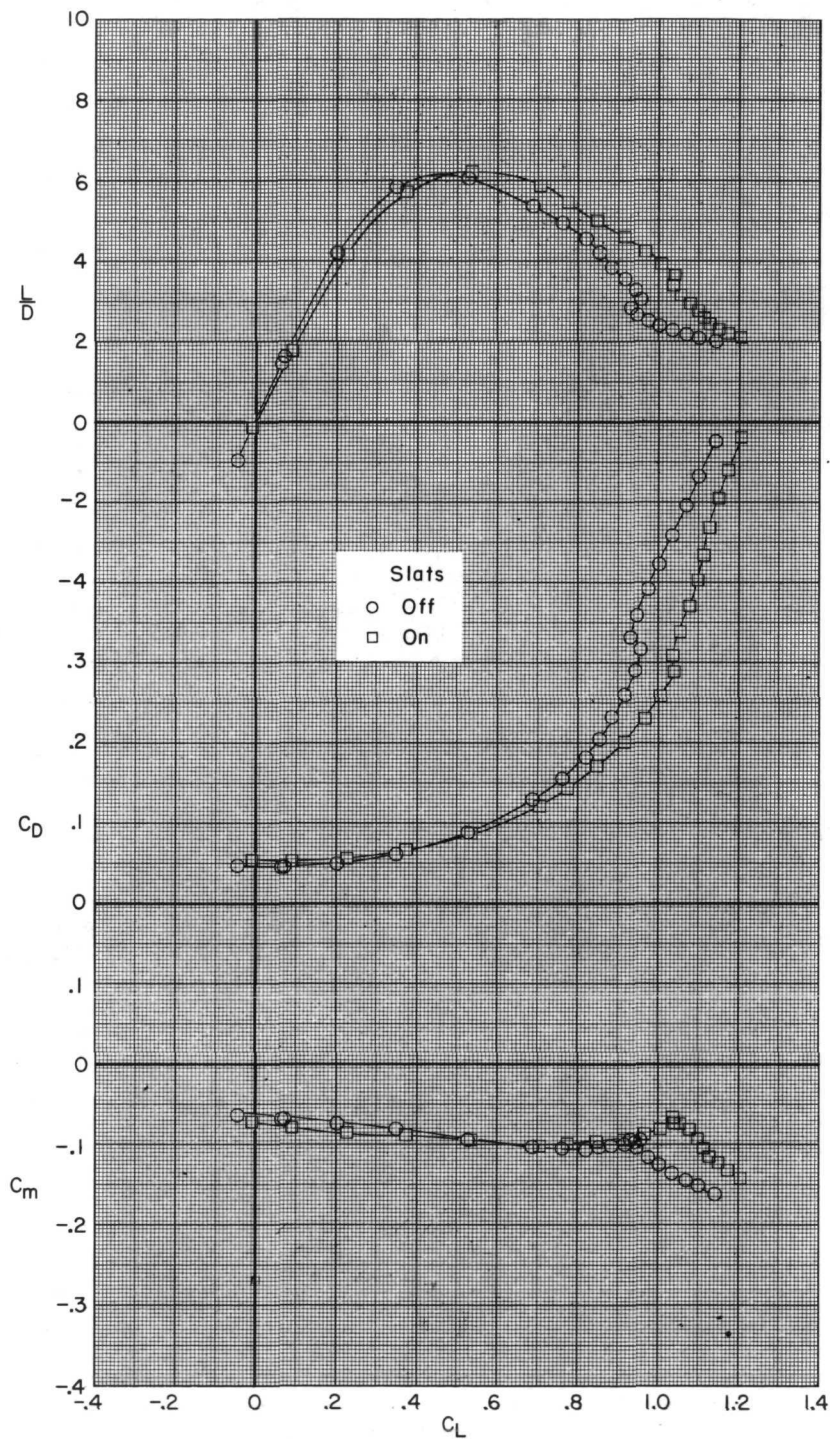
Figure 31.- Continued.





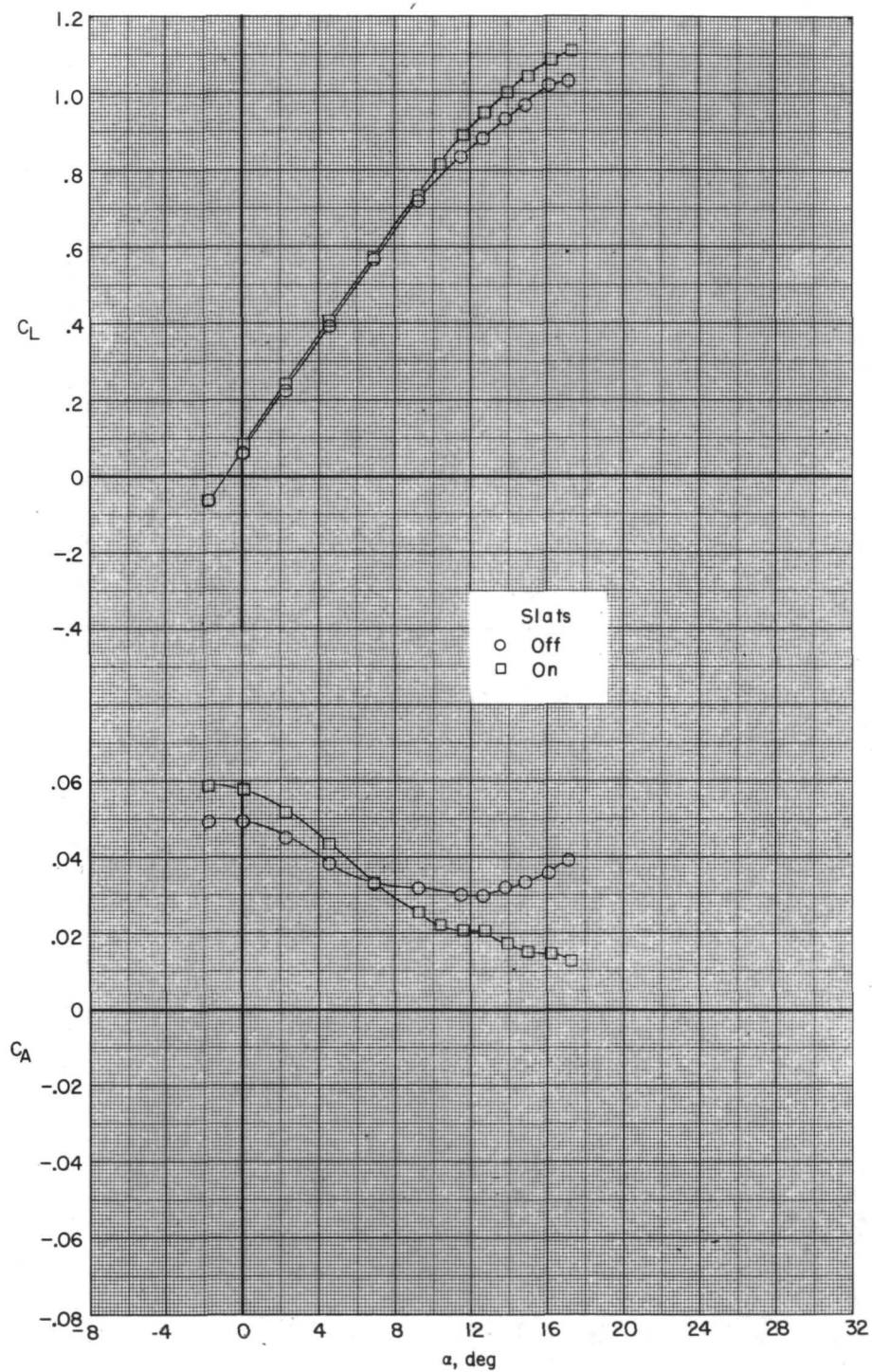
(c)  $M = 0.80$ .

Figure 31.- Continued.



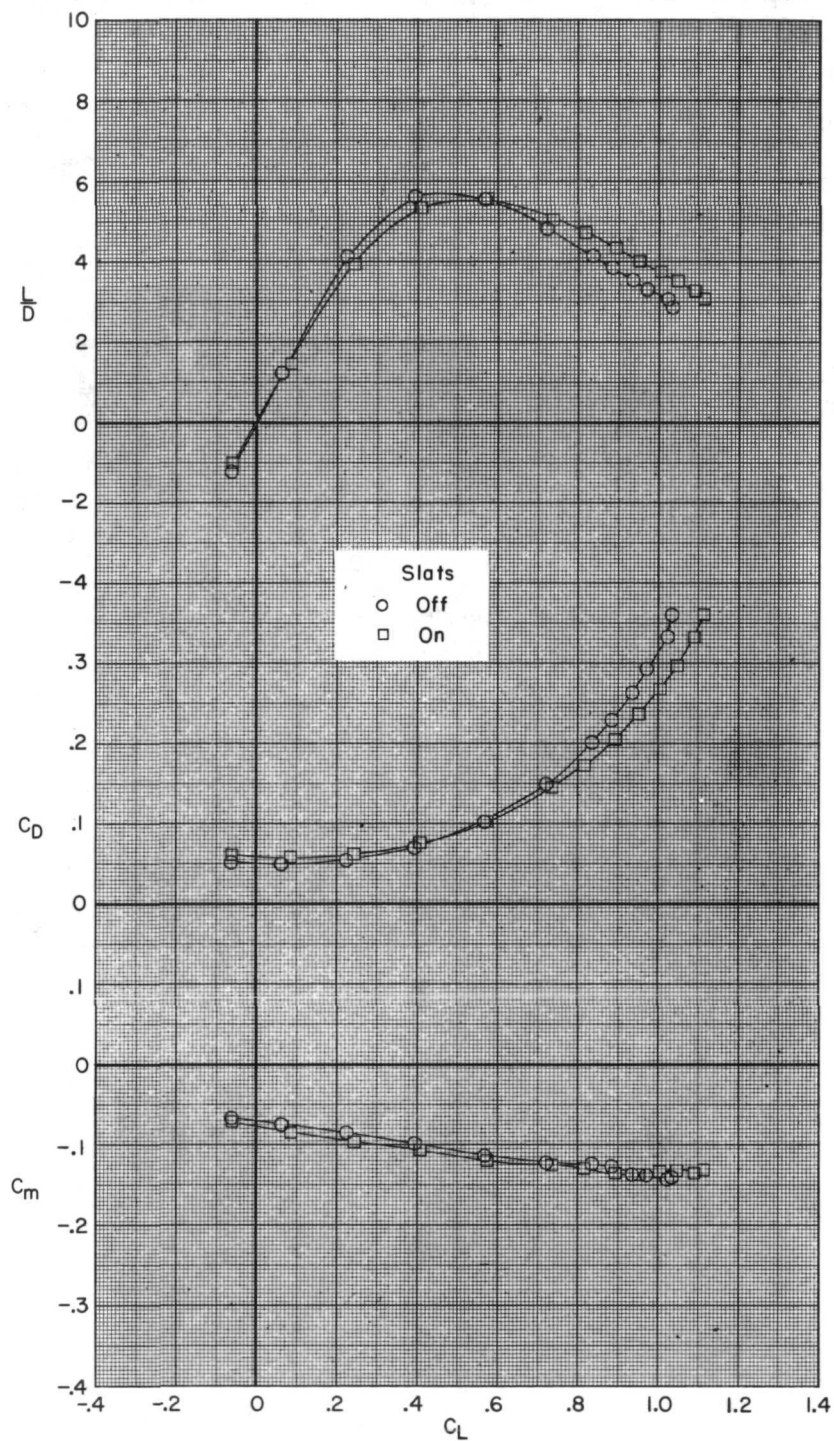
(c) Concluded.

Figure 31.- Continued.



(d)  $M = 0.90$ .

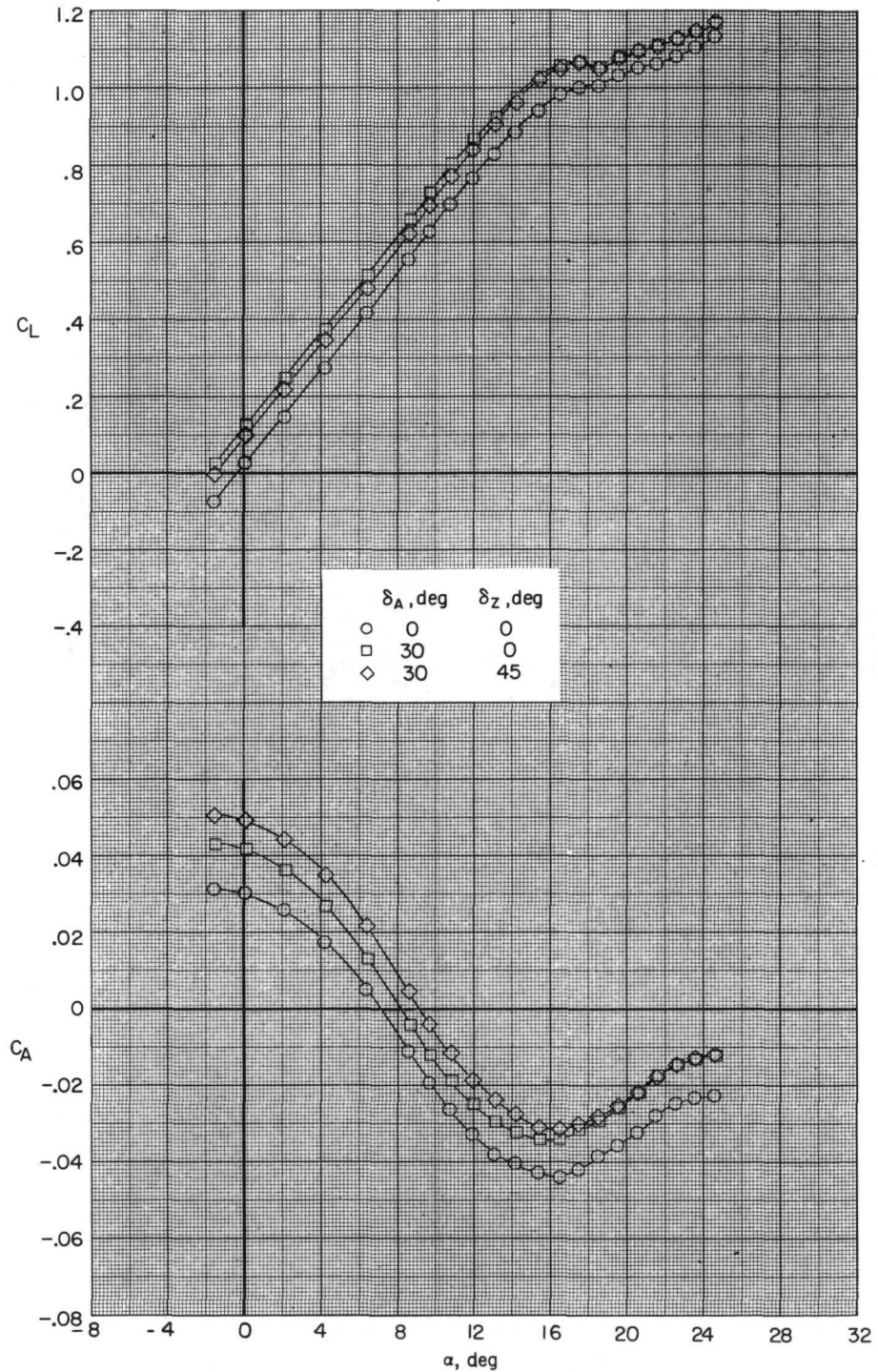
Figure 31.- Continued.



(d) Concluded.

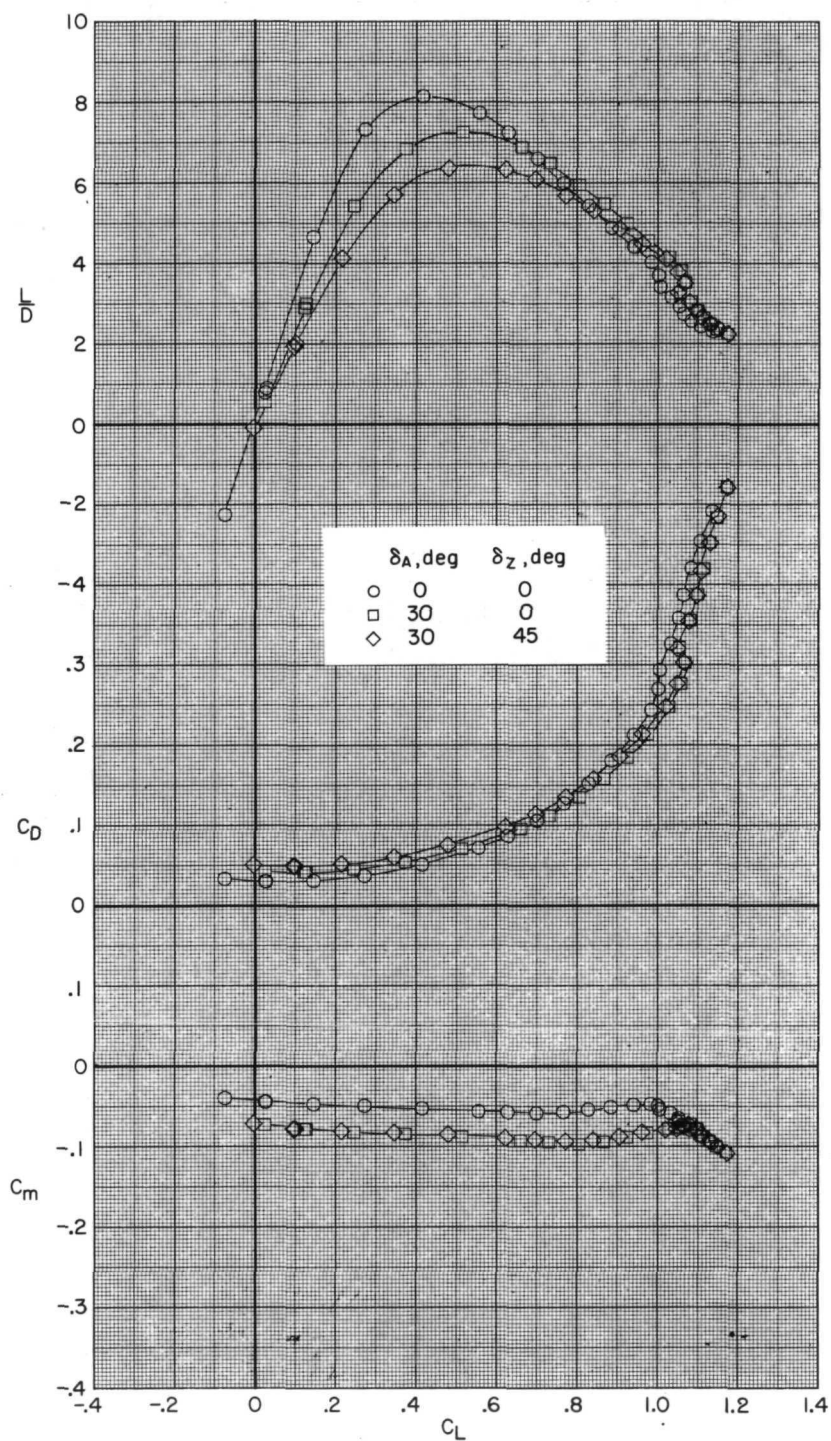
Figure 31.- Concluded.





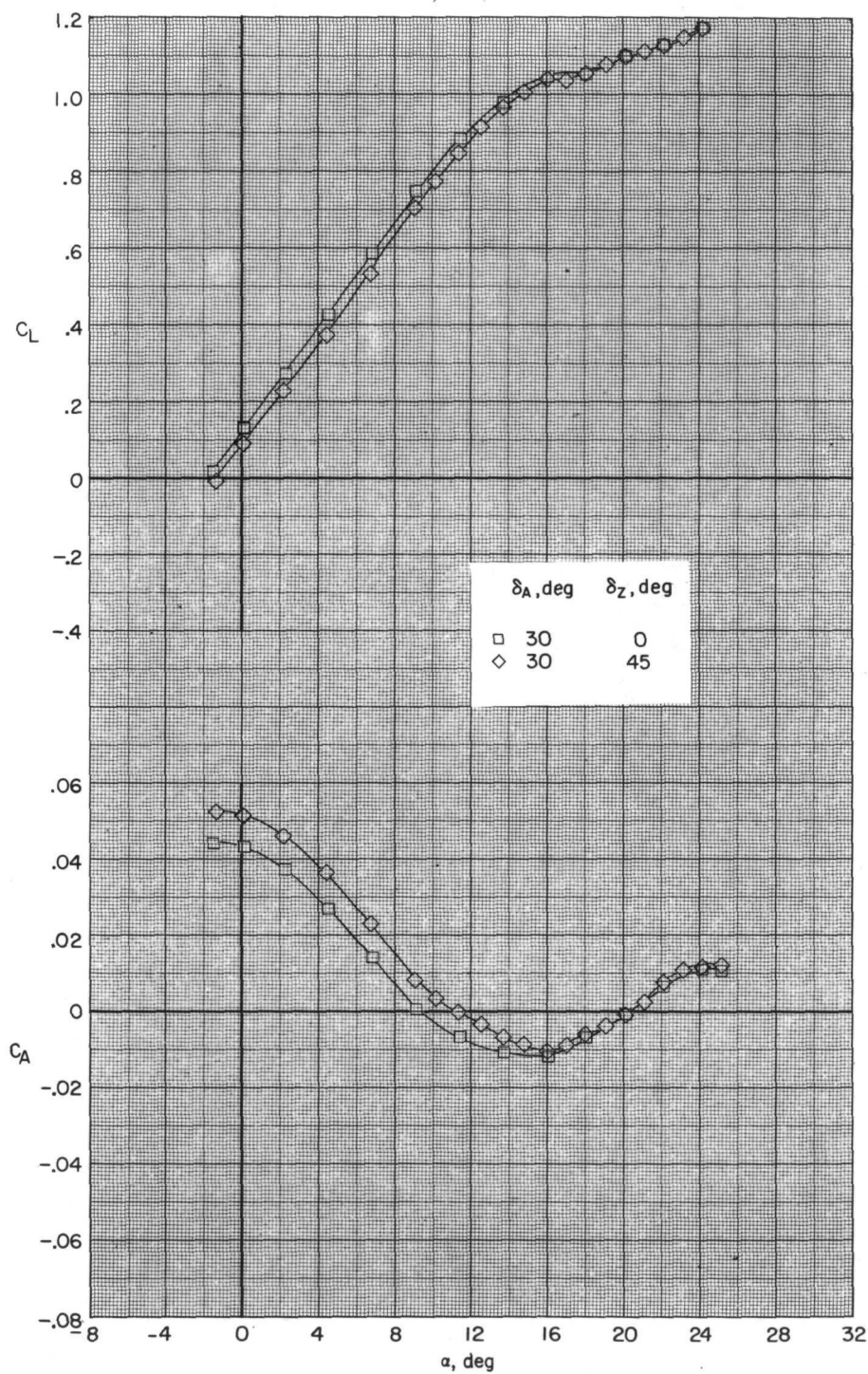
(a)  $M = 0.60$ .

Figure 32.- Effect of aileron and spoiler deflection on the longitudinal characteristics of configuration 1 with the  $S_{17_0}S_{18_m}$  arrangement.



(a) Concluded.

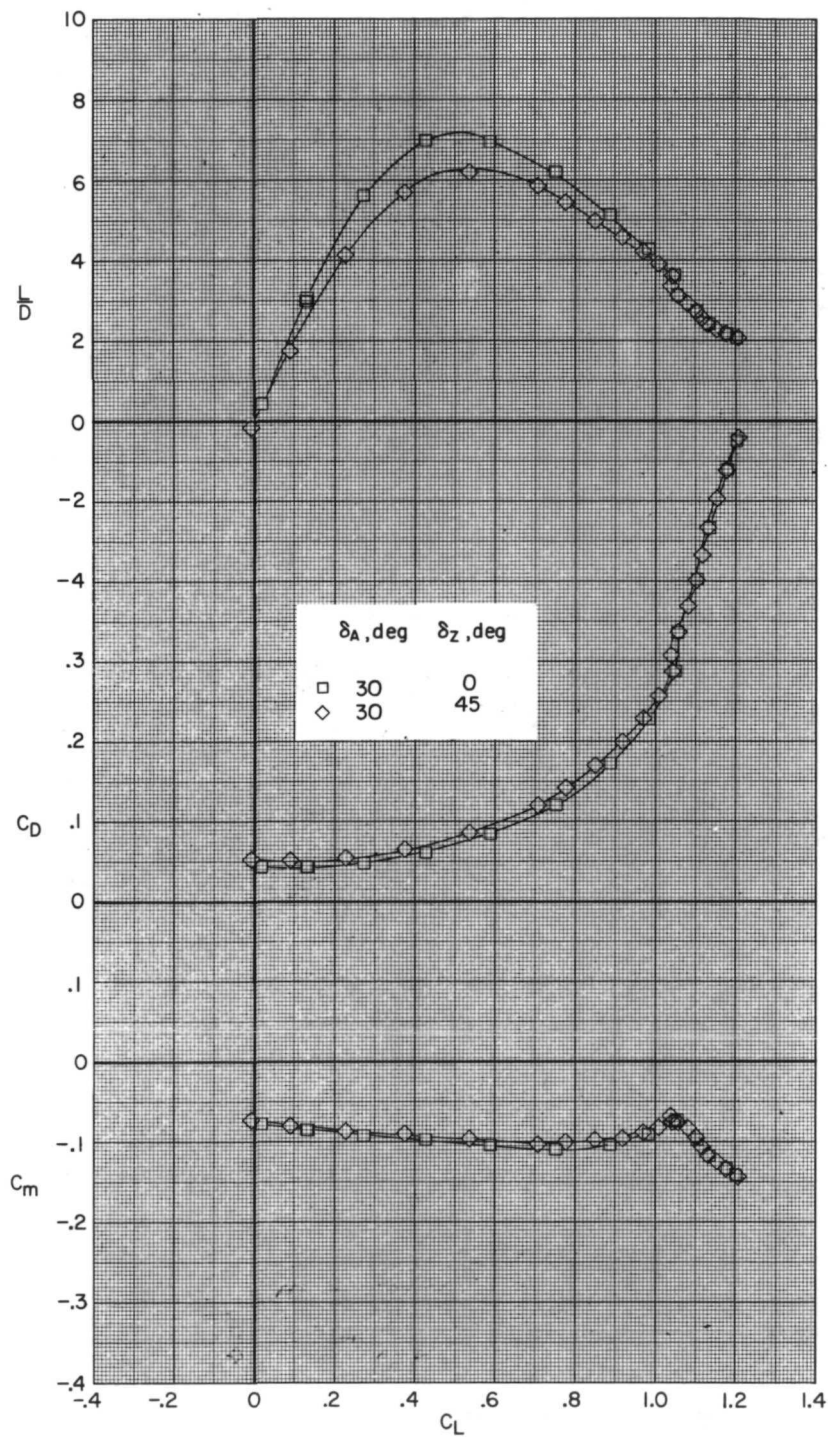
Figure 32.- Continued.



(b)  $M = 0.80$ .

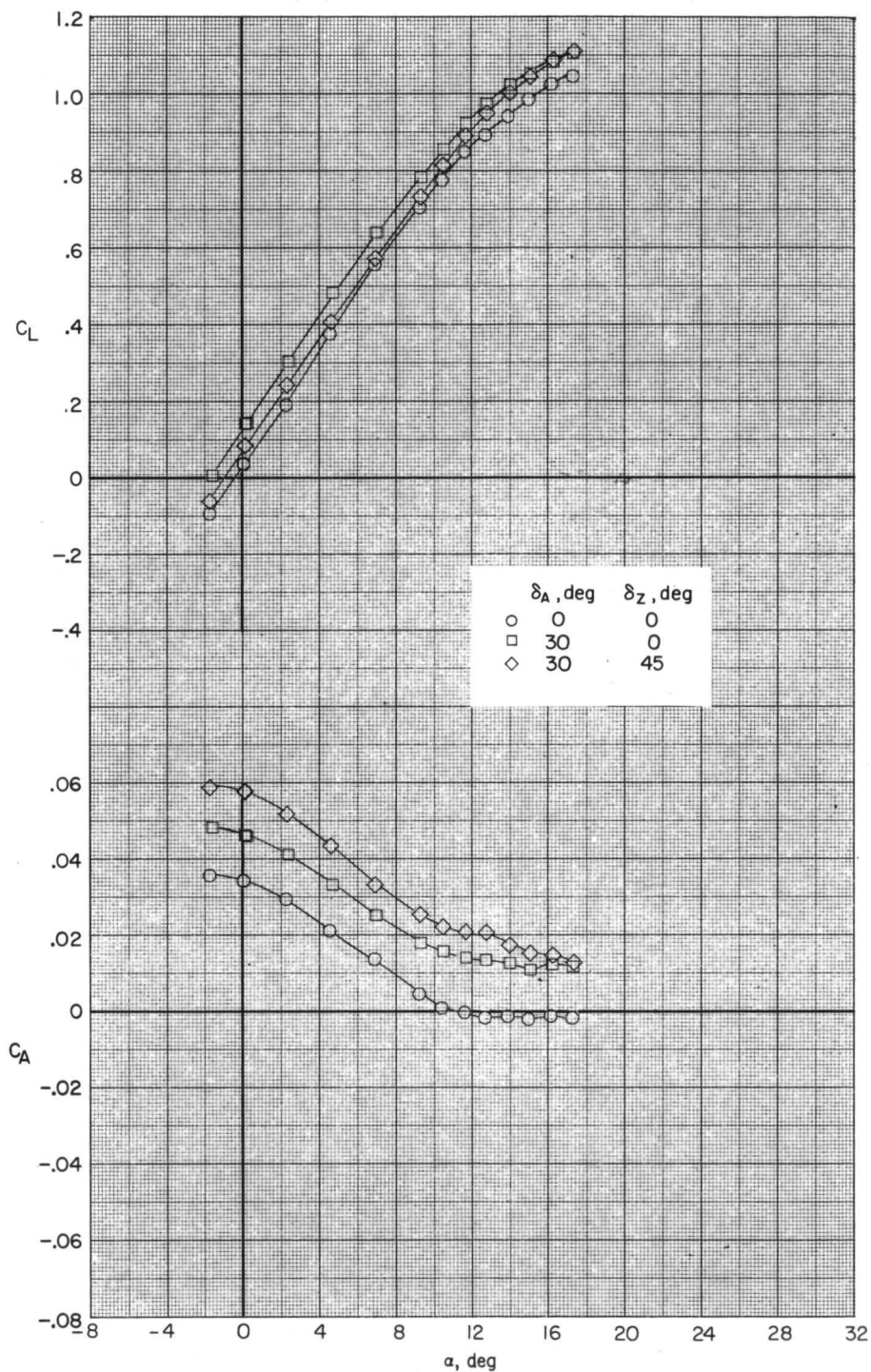
Figure 32.- Continued.





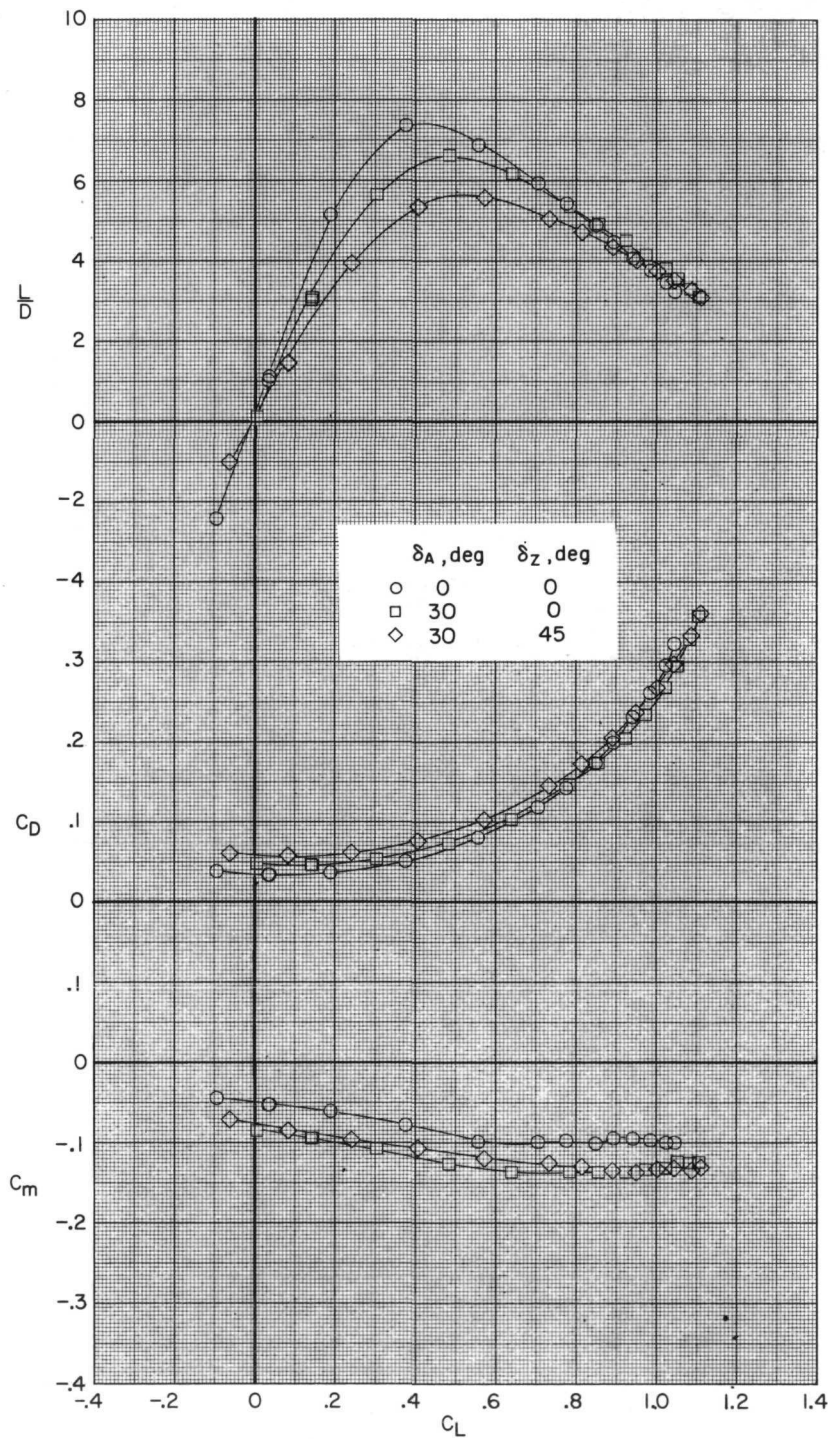
(b) Concluded.

Figure 32.- Continued.



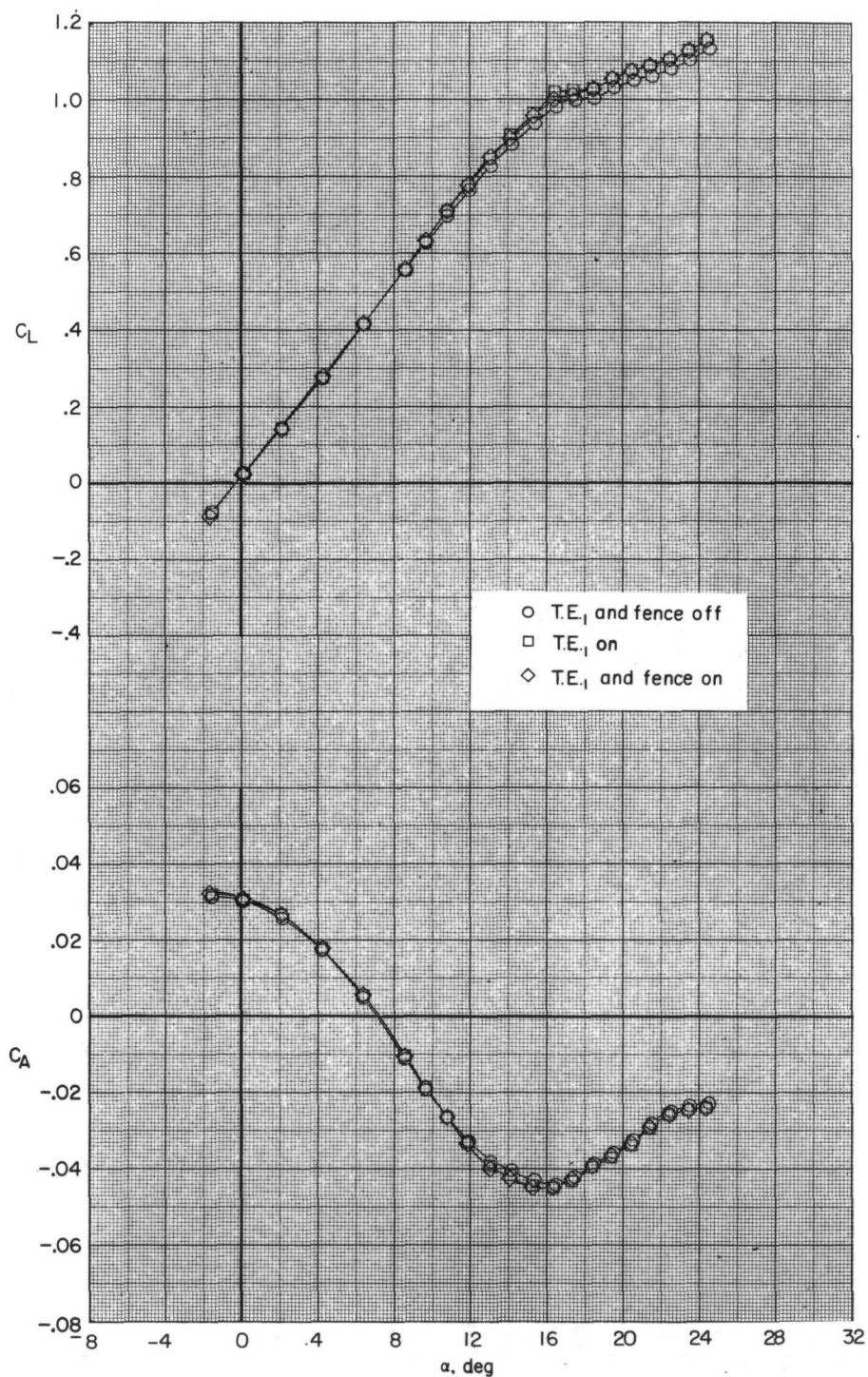
(c)  $M = 0.90$ .

Figure 32.- Continued.



(c) Concluded.

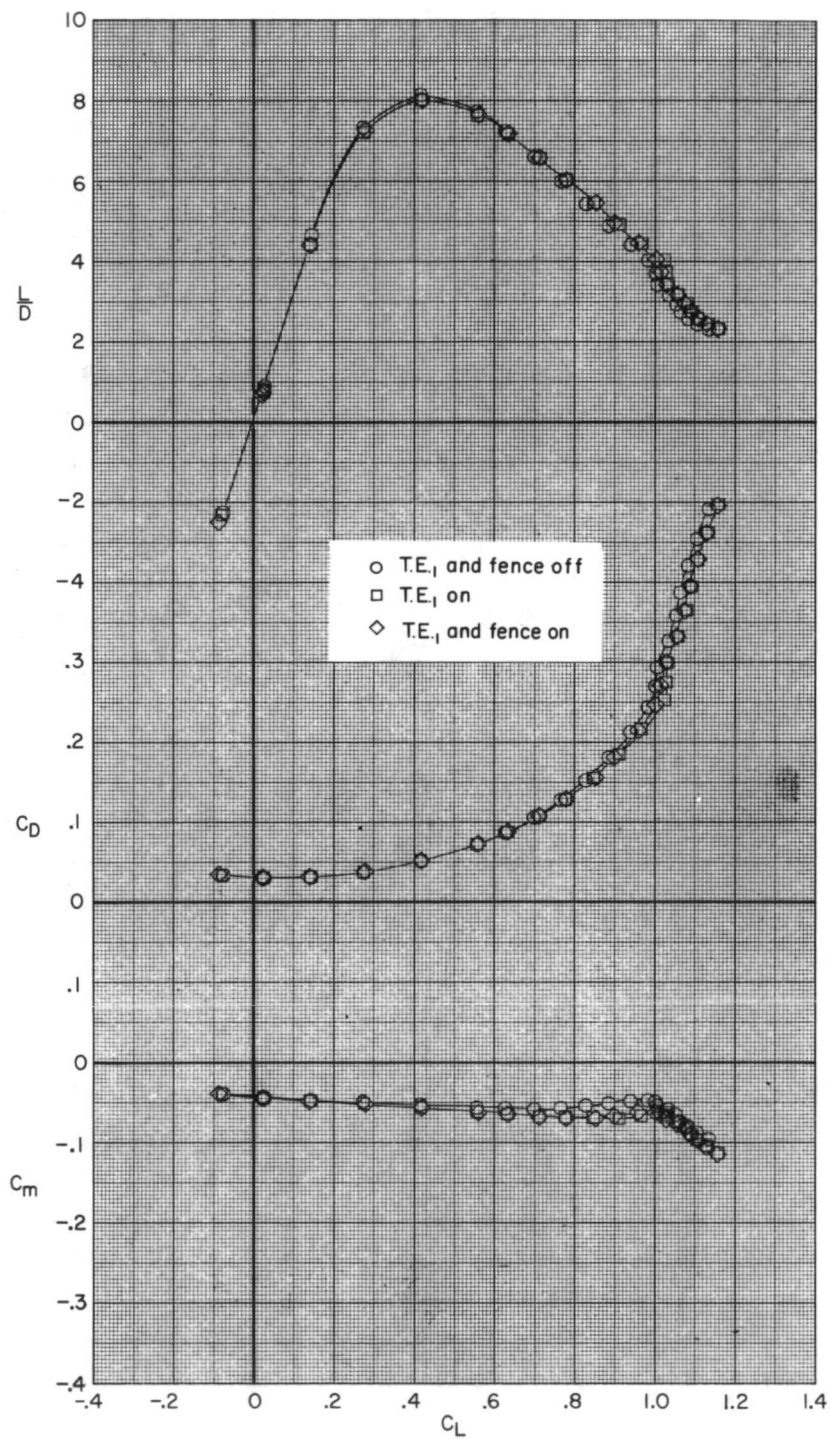
Figure 32.- Concluded.



(a)  $M = 0.60$ .

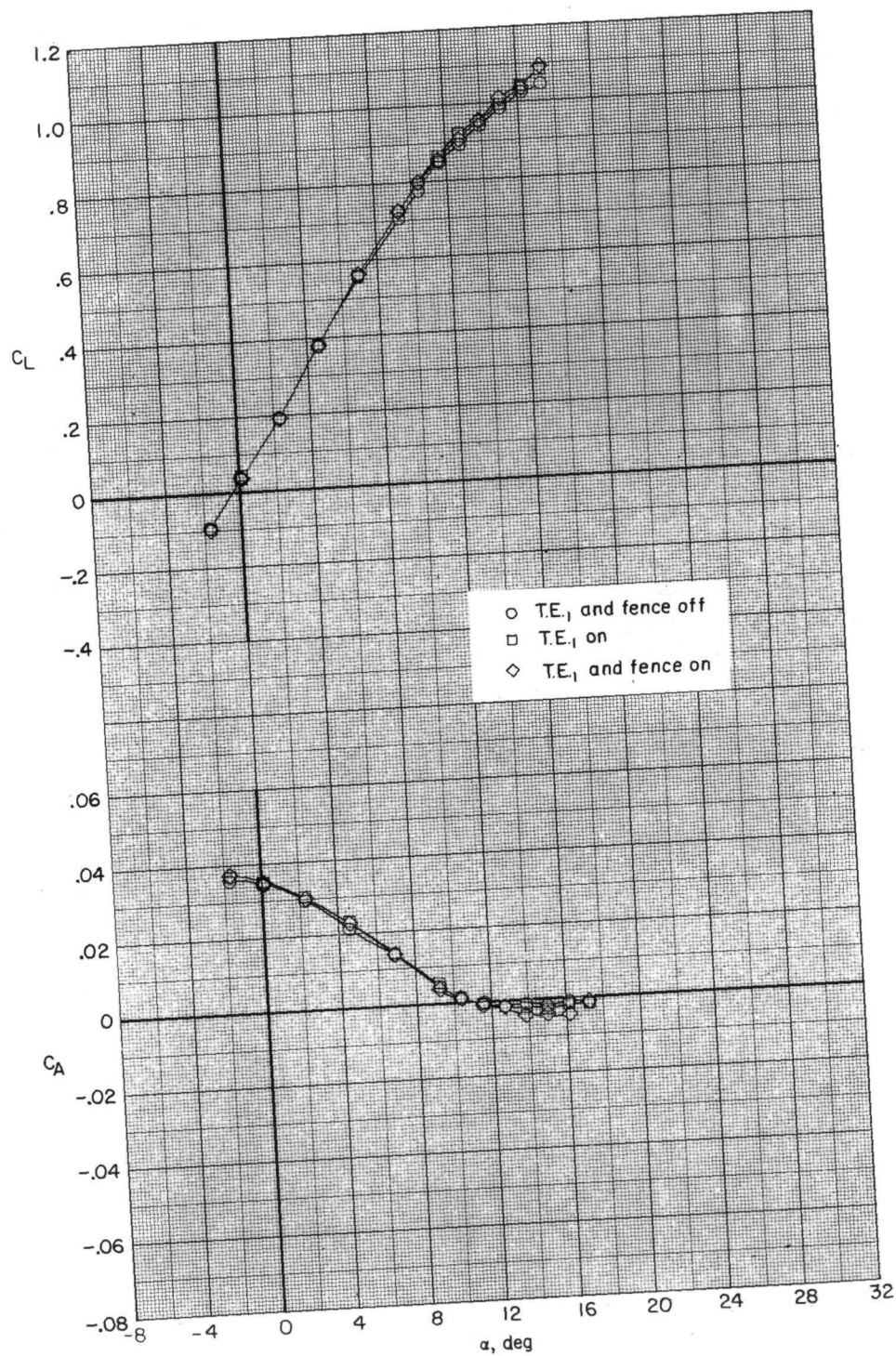
Figure 33.- Effect of trailing-edge extension T.E.<sub>1</sub> and wing fences on the longitudinal characteristics of configuration 1 with the S<sub>17O</sub> S<sub>18m</sub> slat arrangement.





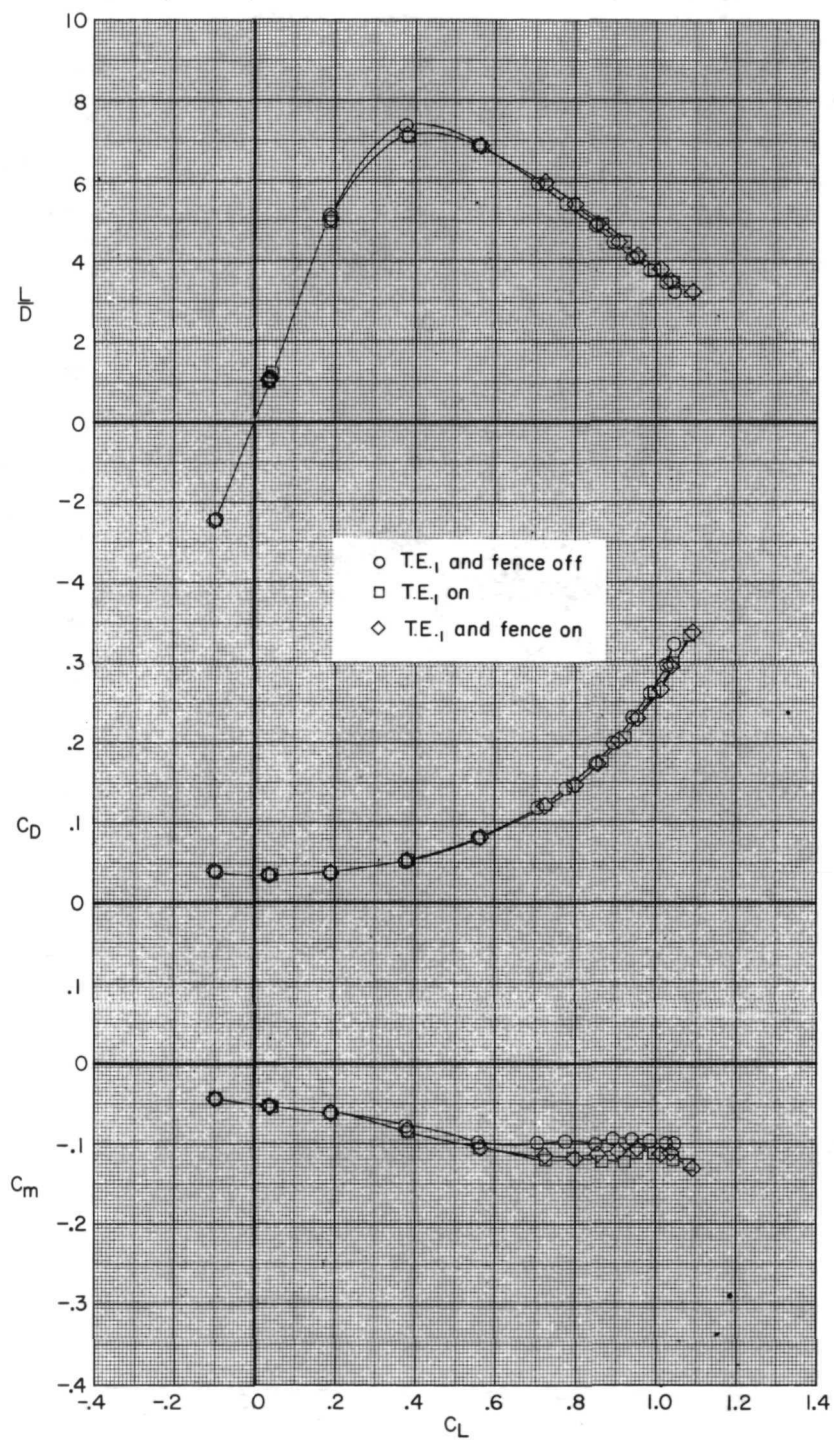
(a) Concluded.

Figure 33.- Continued.



(b)  $M = 0.90$ .

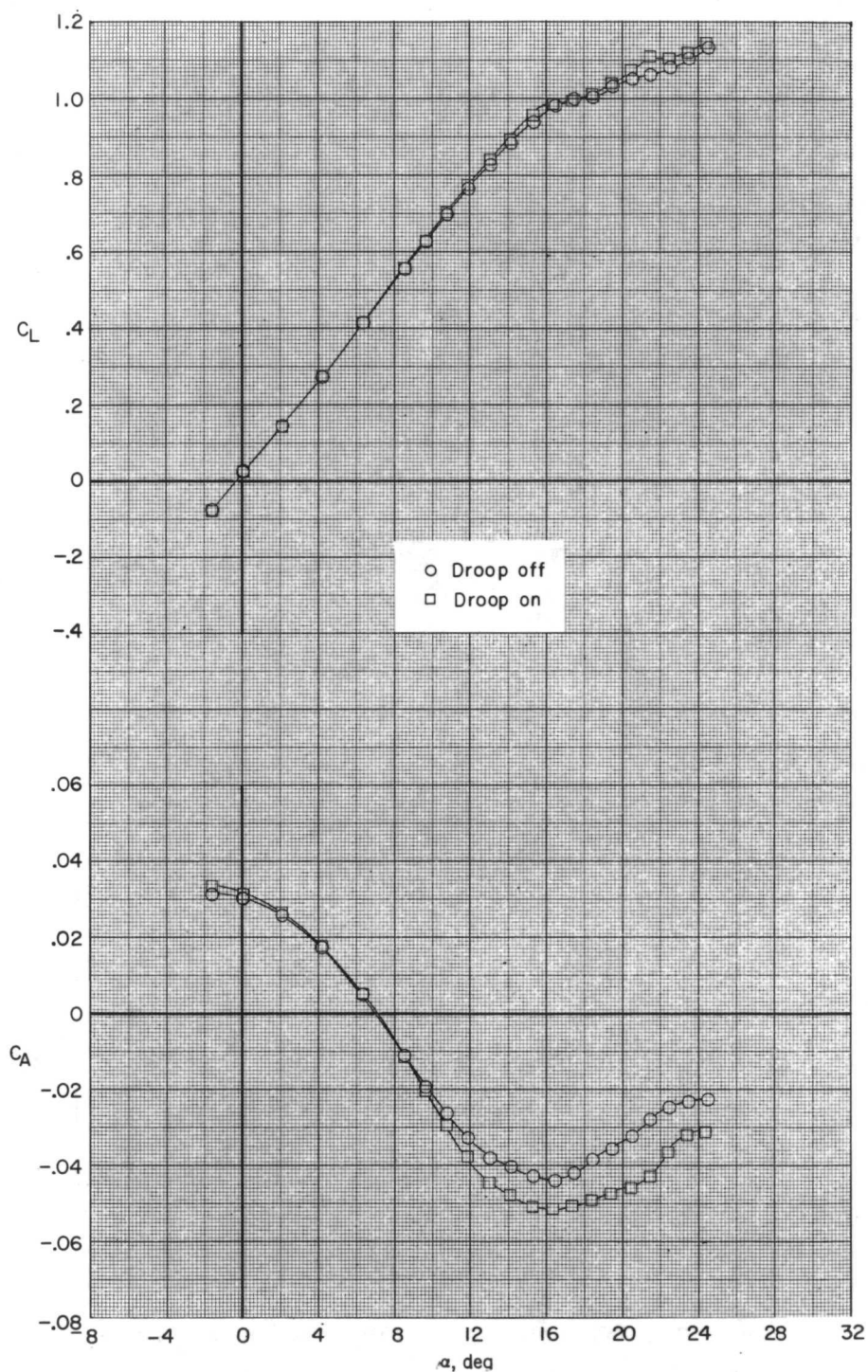
Figure 33.- Continued.



(b) Concluded.

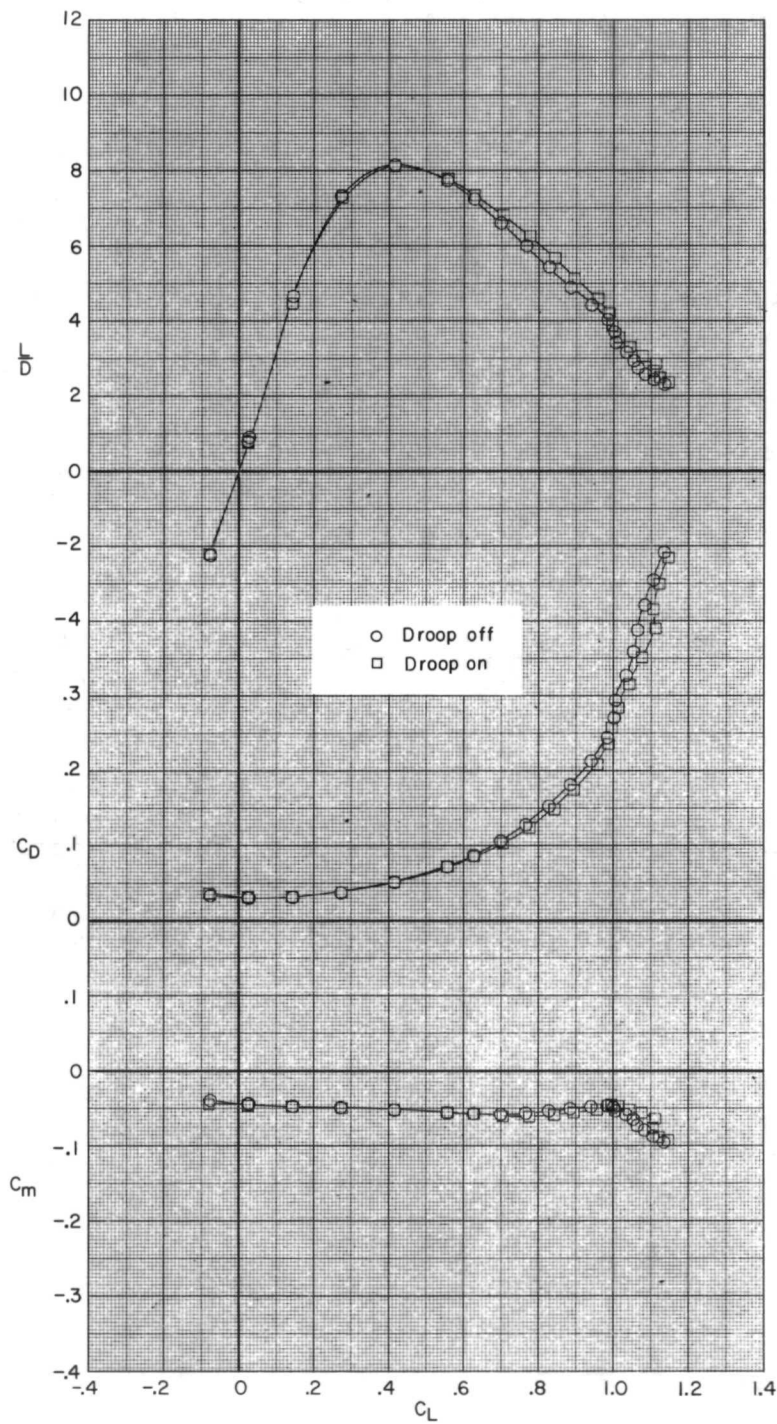
Figure 33.- Concluded.





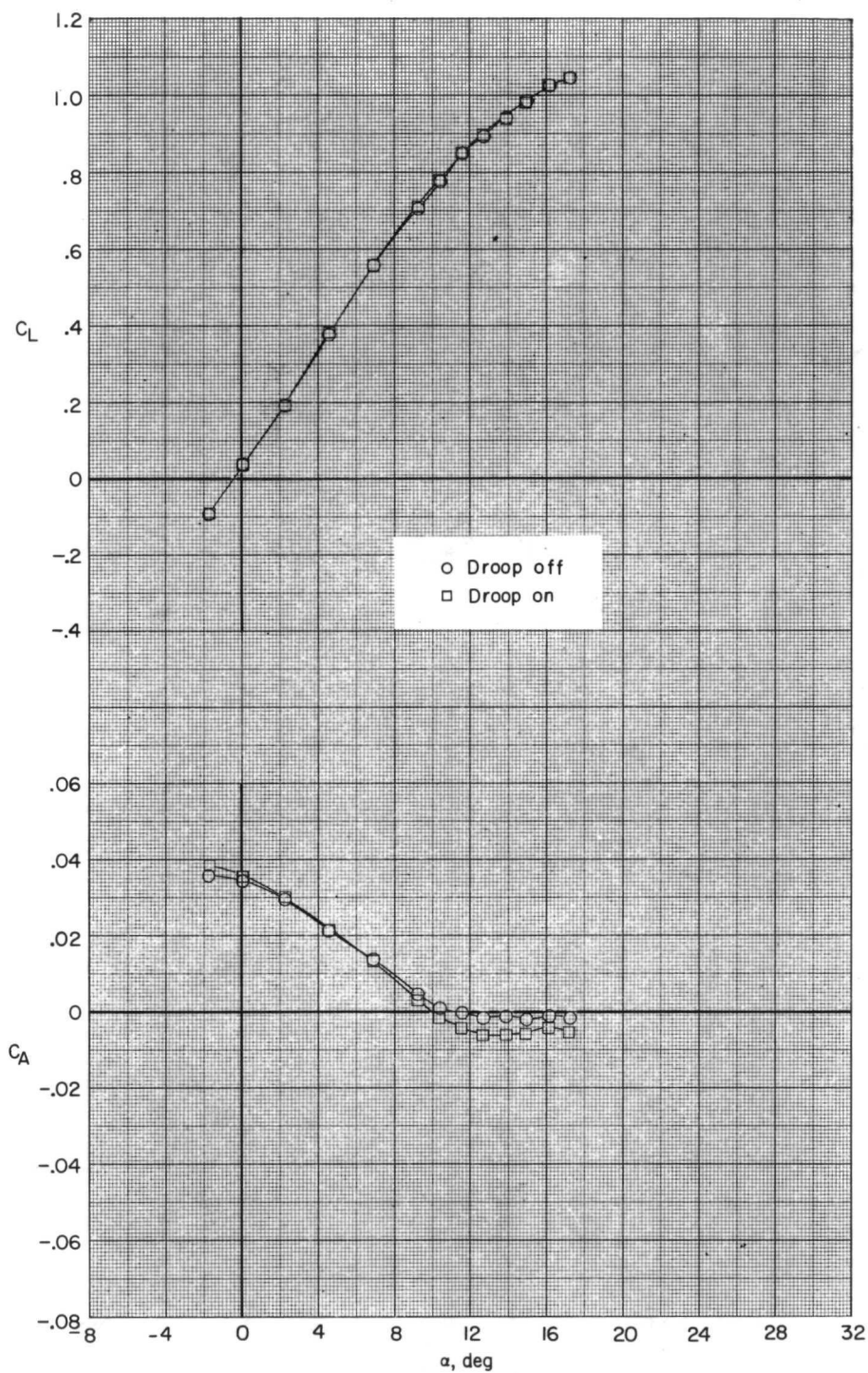
(a)  $M = 0.60$ .

Figure 34.- Effect of inboard wing droop on the longitudinal characteristics of configuration 1 with the  $S_{17_0}S_{18_m}$  slat arrangement.



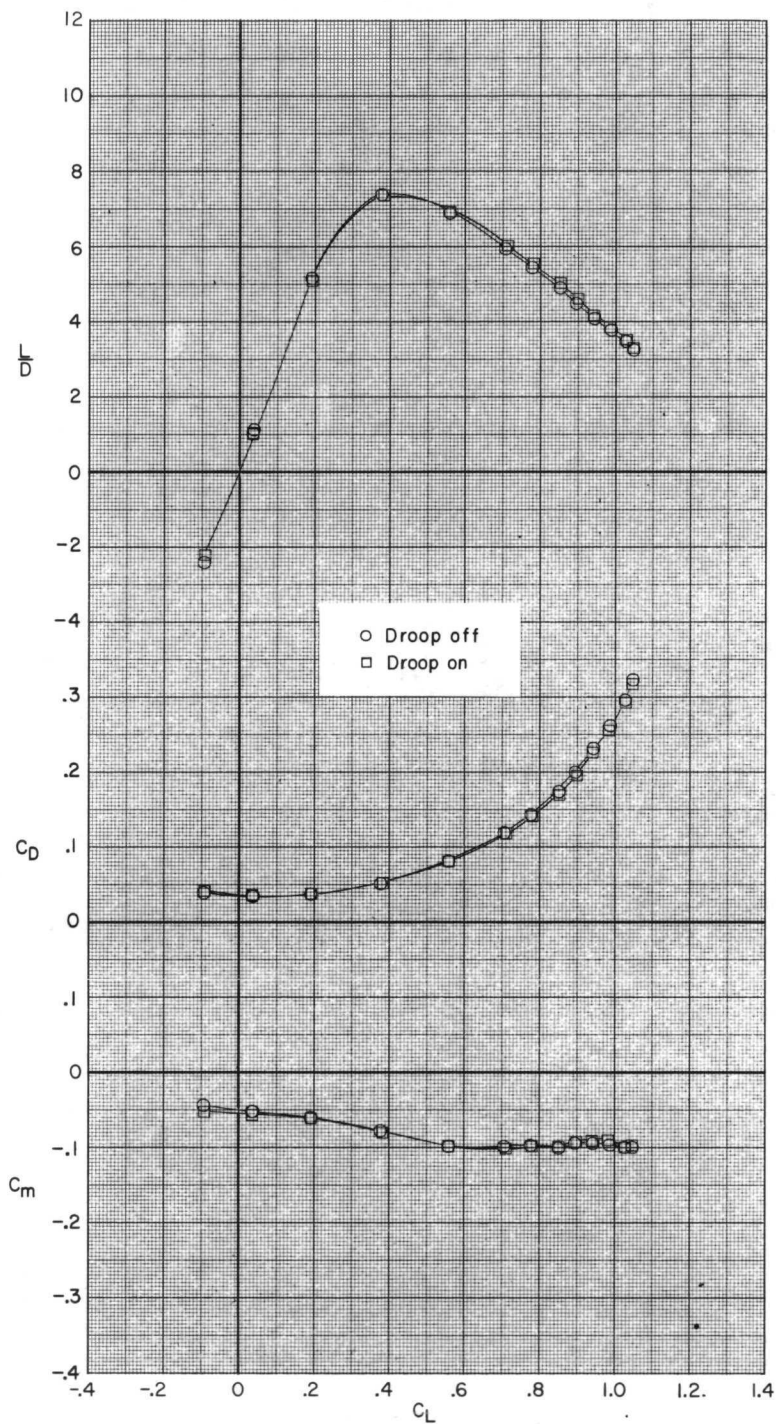
(a) Concluded.

Figure 34.- Continued.



(b)  $M = 0.90$ .

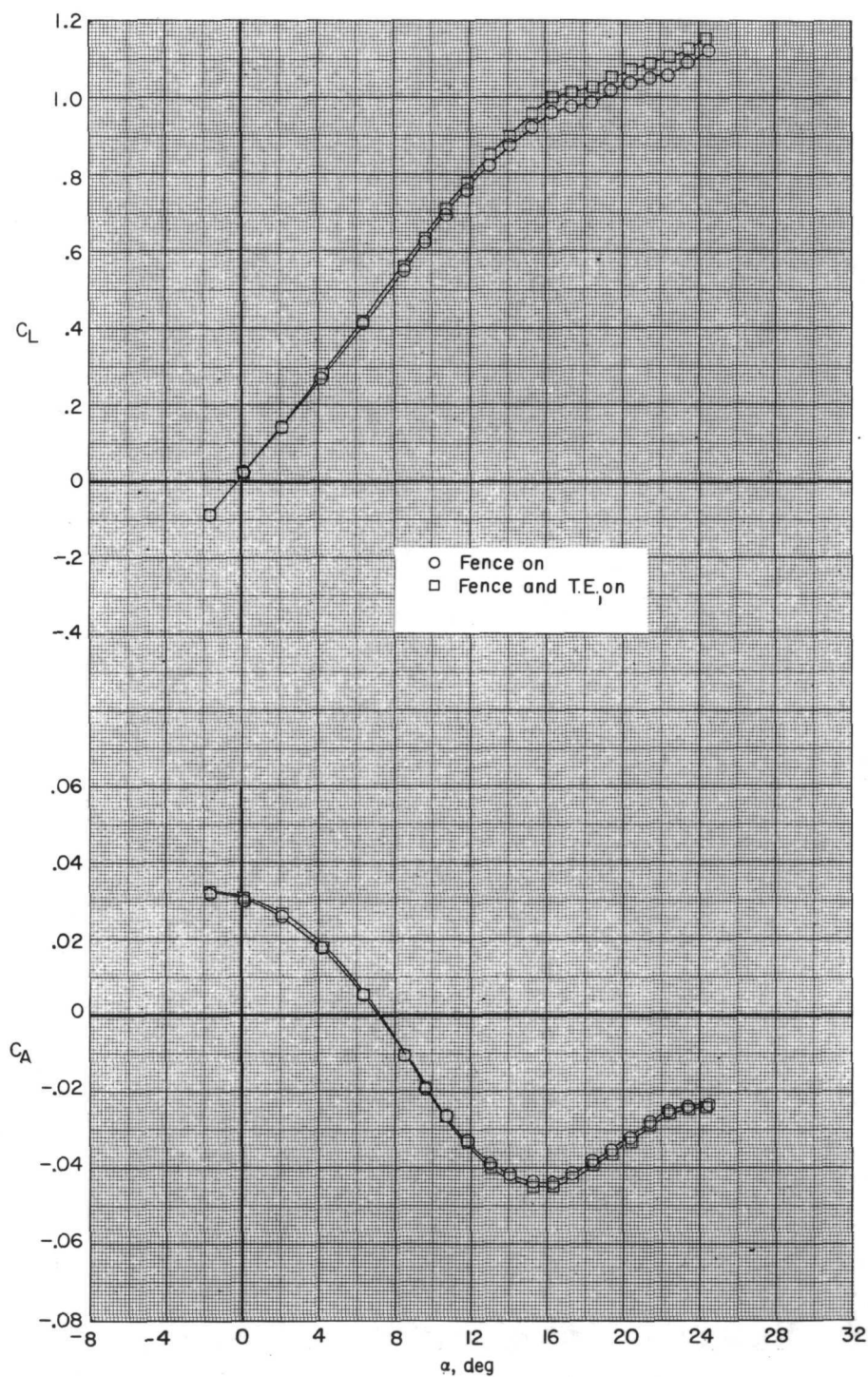
Figure 34.- Continued.



(b) Concluded.

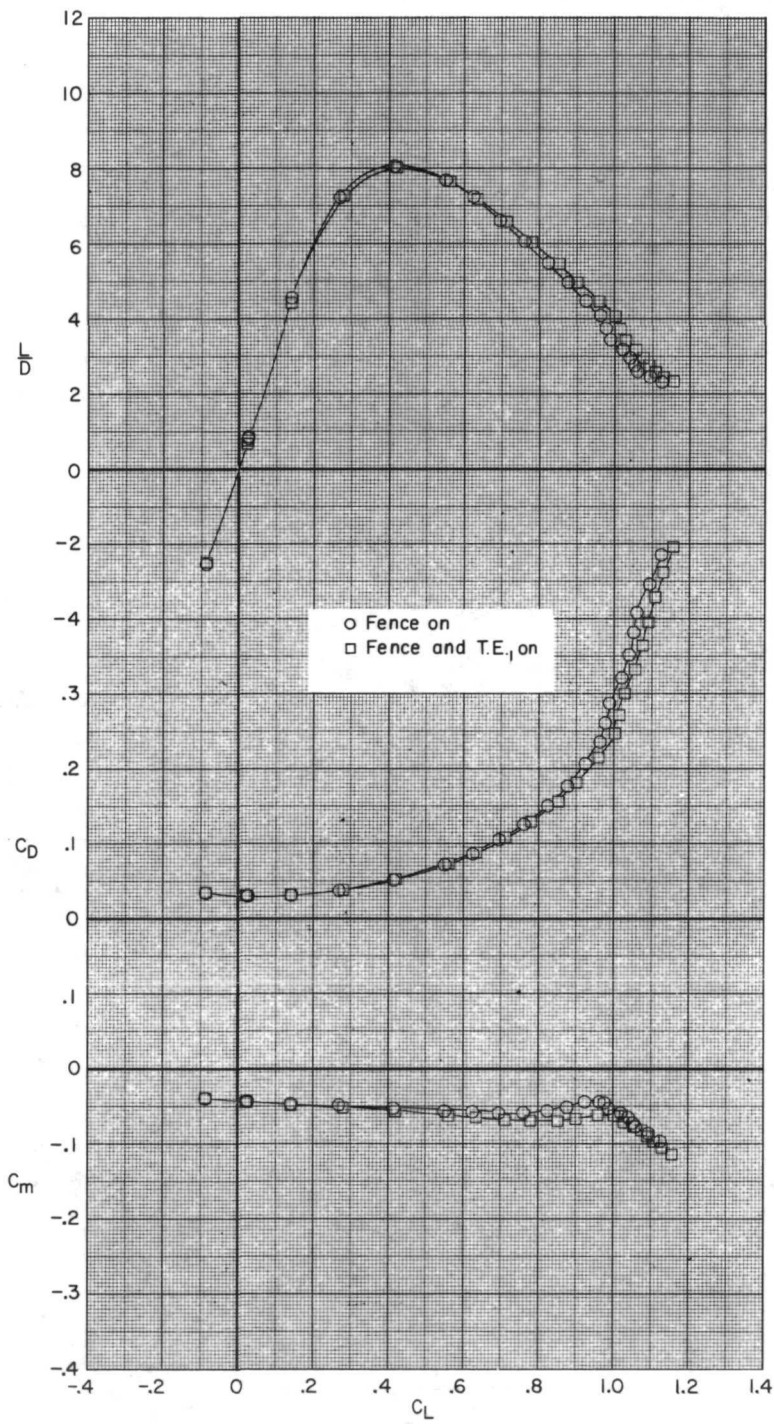
Figure 34.- Concluded.





(a)  $M = 0.60$ .

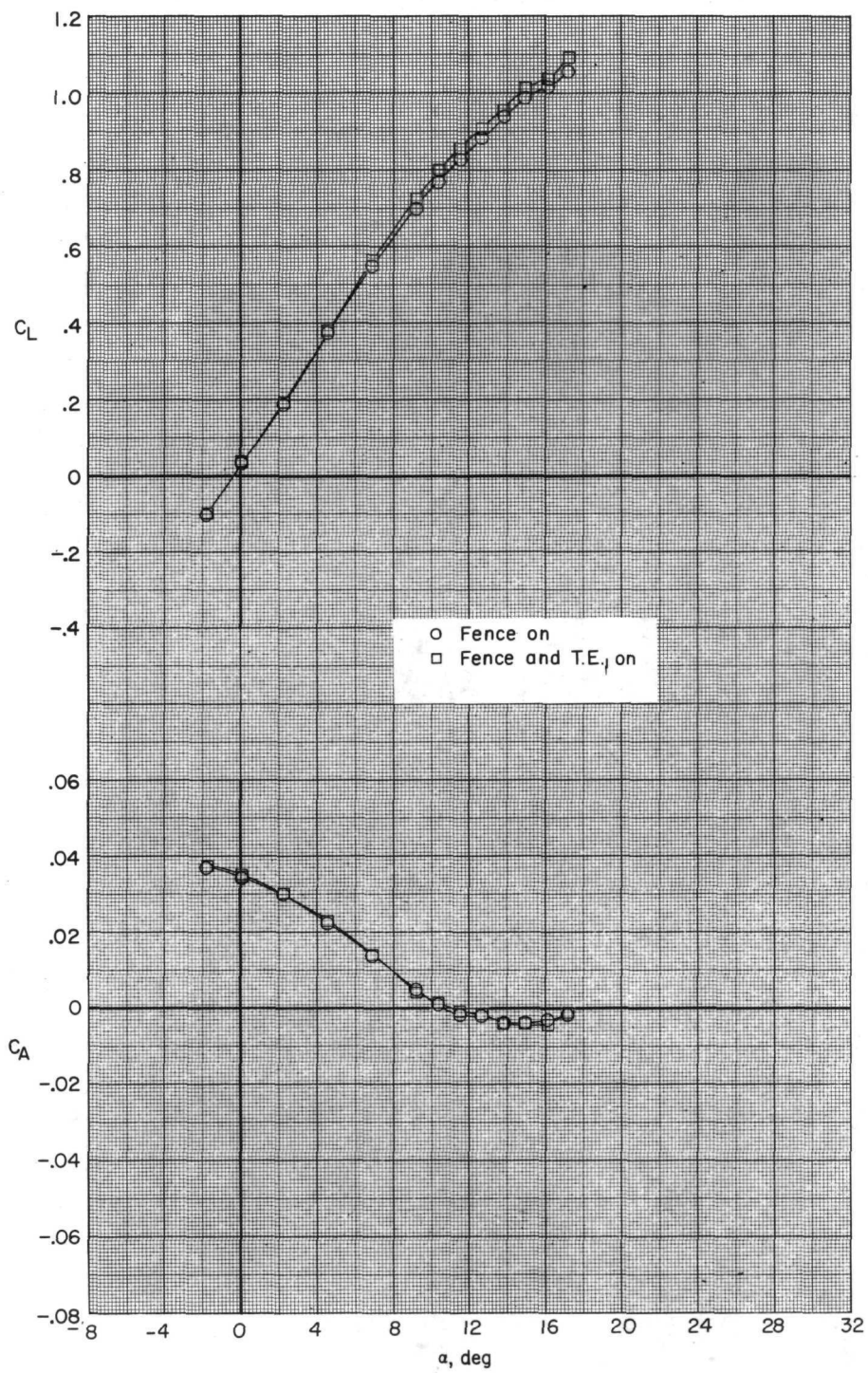
Figure 35.- Effect of trailing-edge extension T.E.<sub>1</sub> on the longitudinal characteristics of configuration 1 with the S<sub>17o</sub>S<sub>18m</sub> slat arrangement and wing fences.



(a) Concluded.

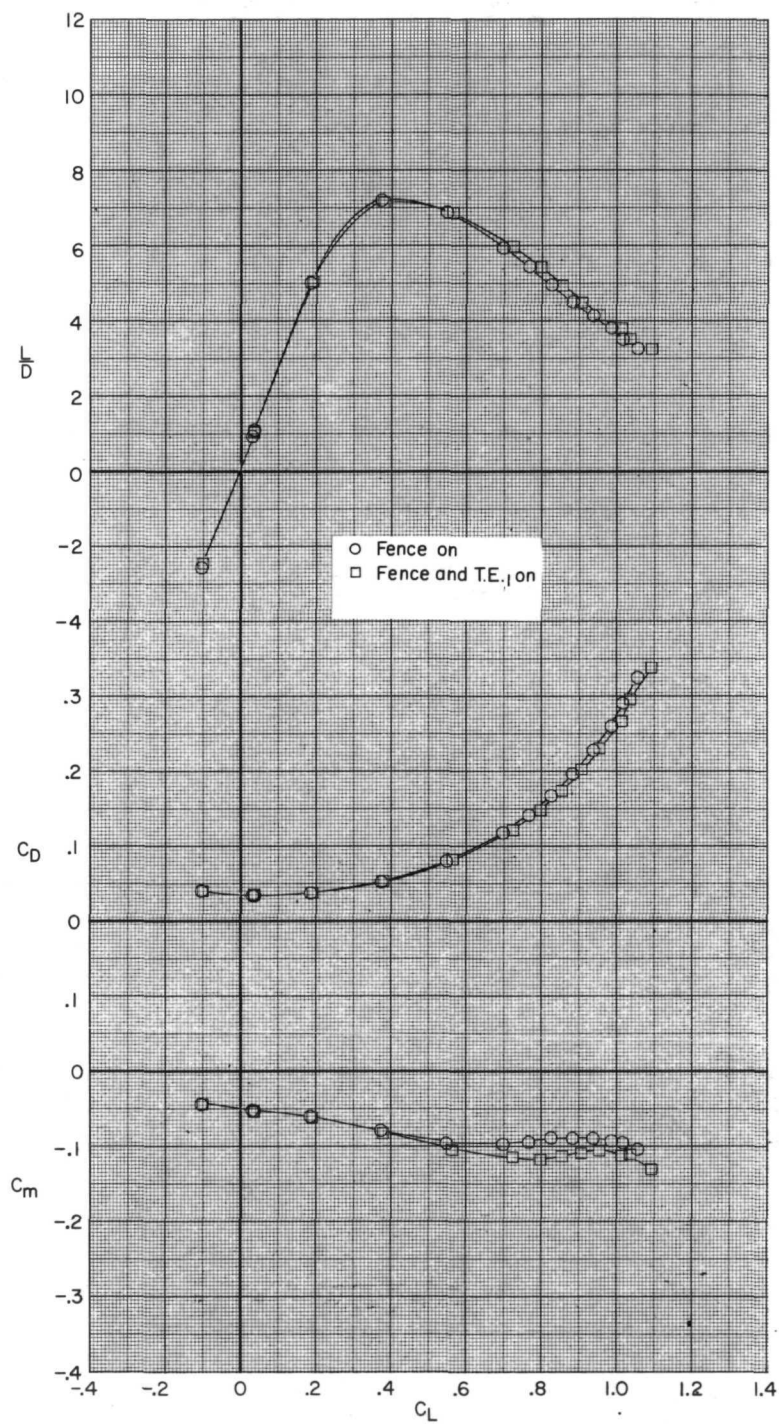
Figure 35.- Continued.





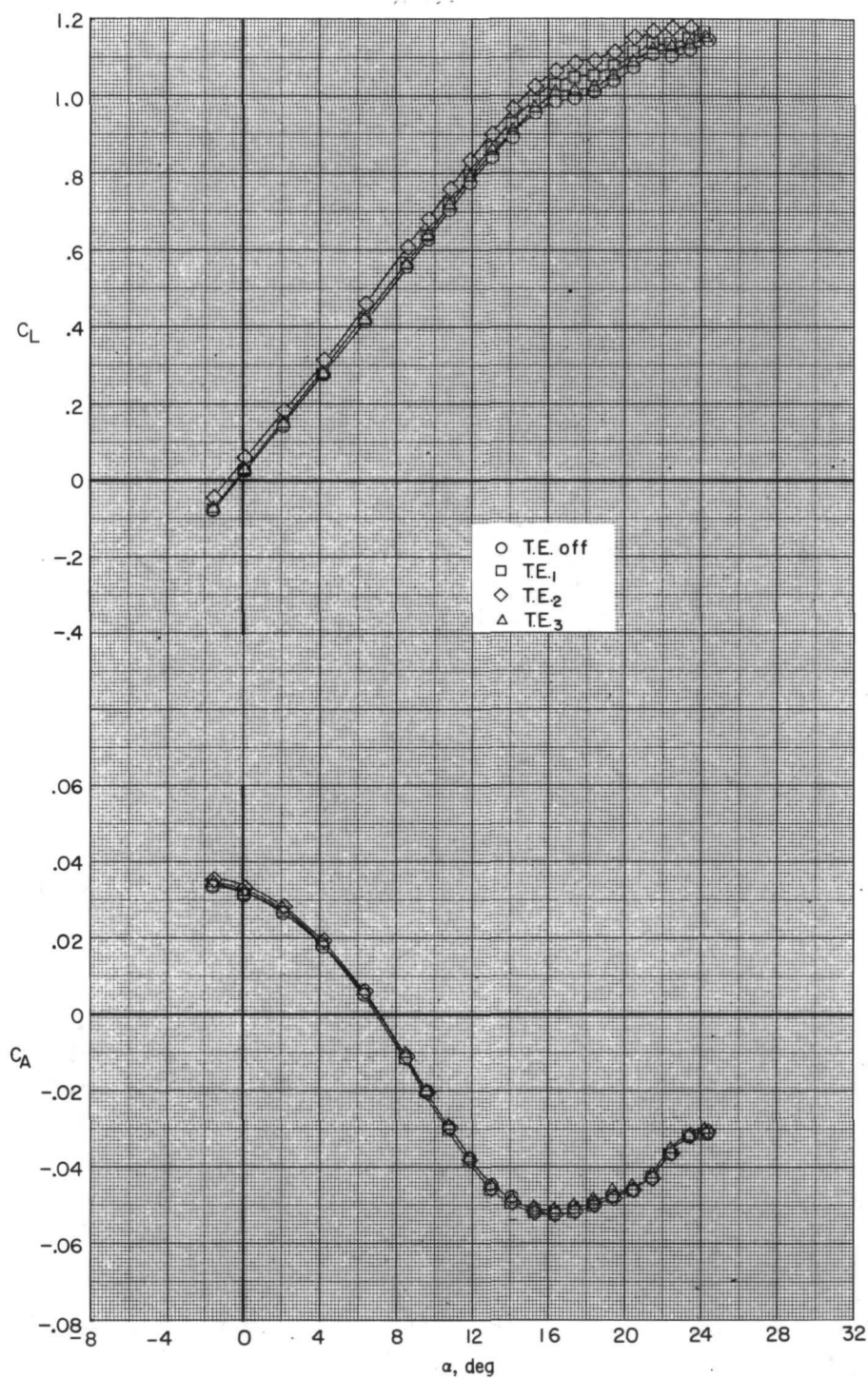
(b)  $M = 0.90$ .

Figure 35.- Continued.



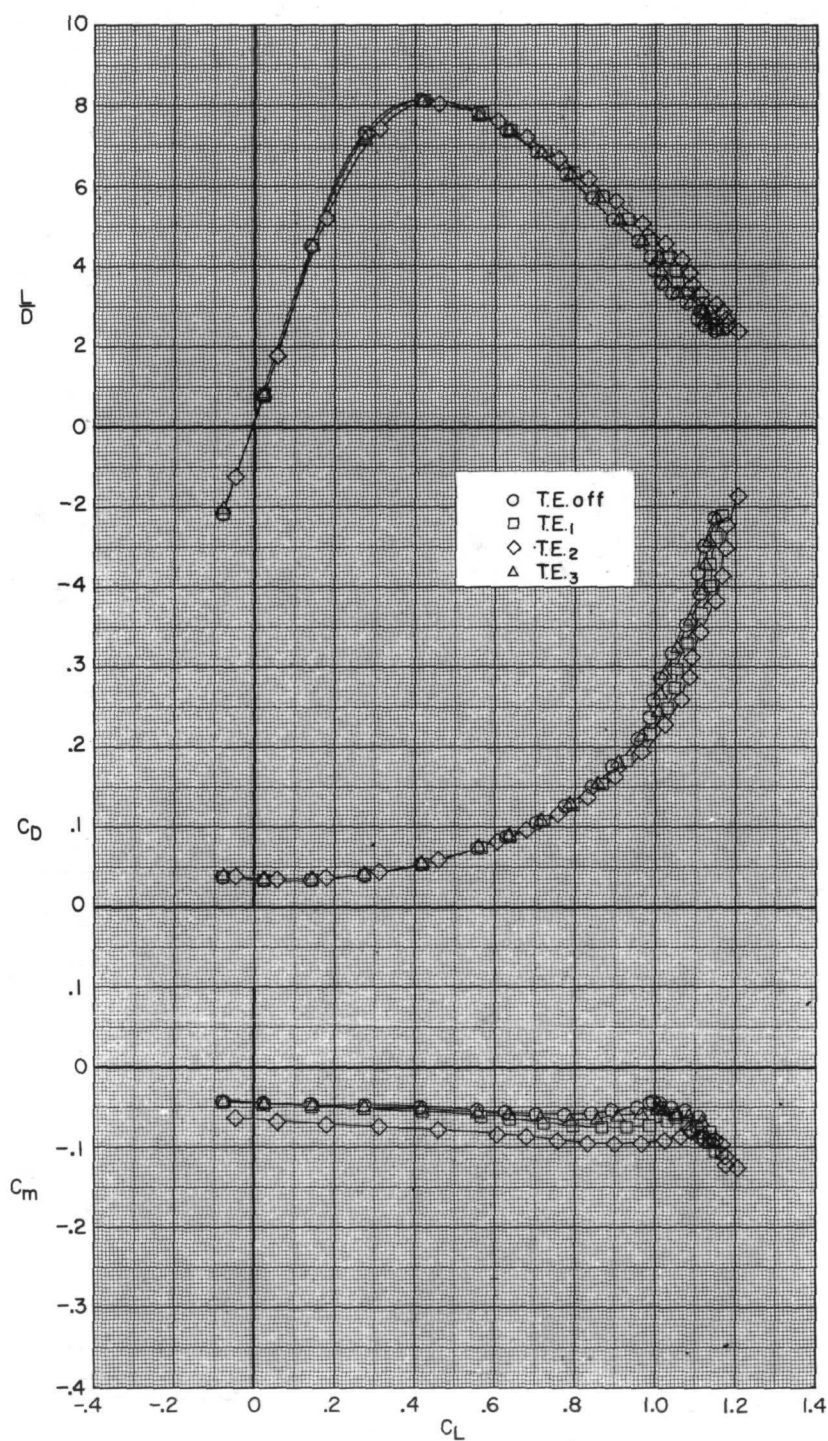
(b) Concluded.

Figure 35.- Concluded.



(a)  $M = 0.60$ .

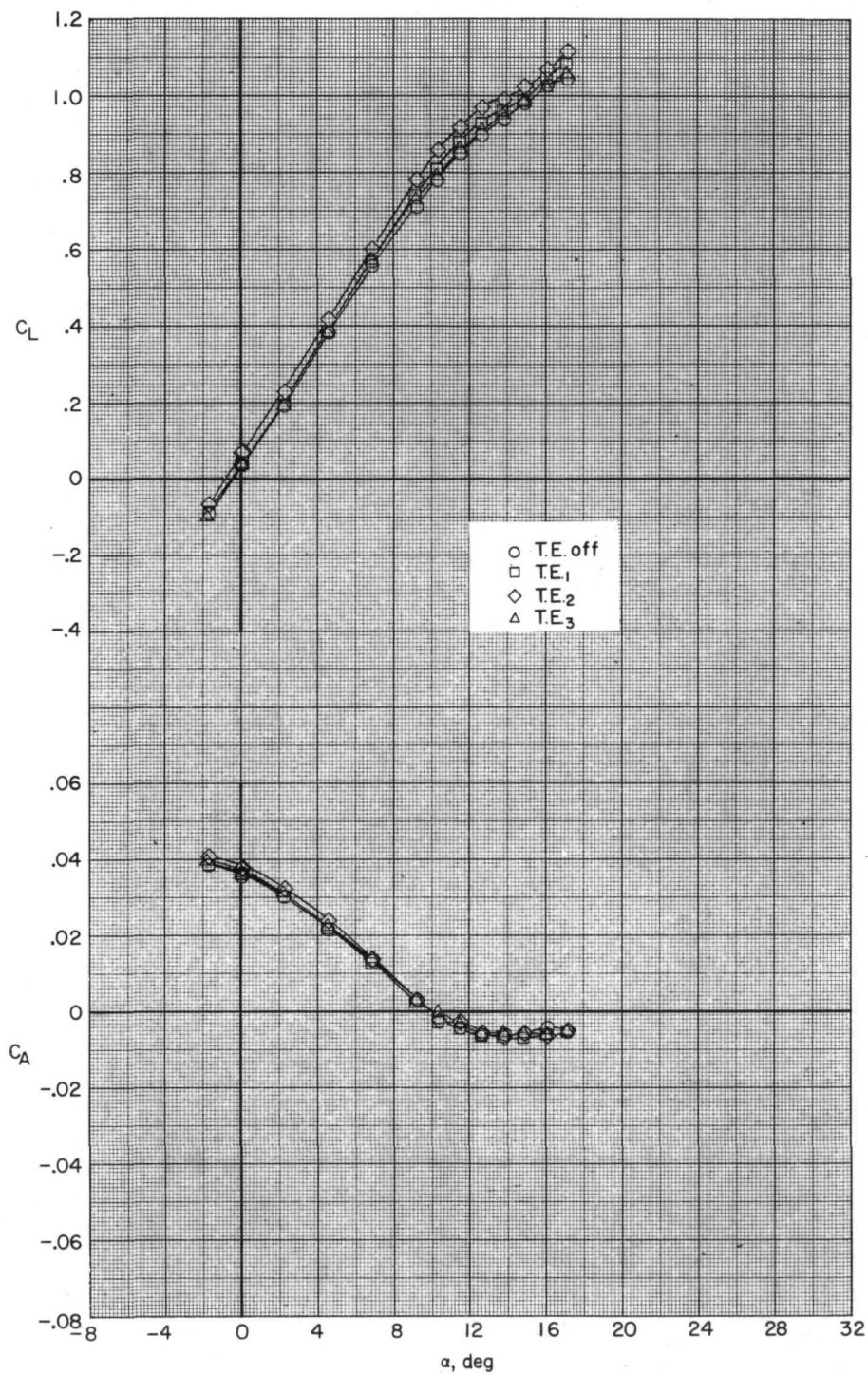
Figure 36.- Effect of various trailing-edge extensions on the longitudinal characteristics of configuration 1 with the  $S_{17_0} S_{18_m}$  slat arrangement and inboard wing droop.



(a) Concluded.

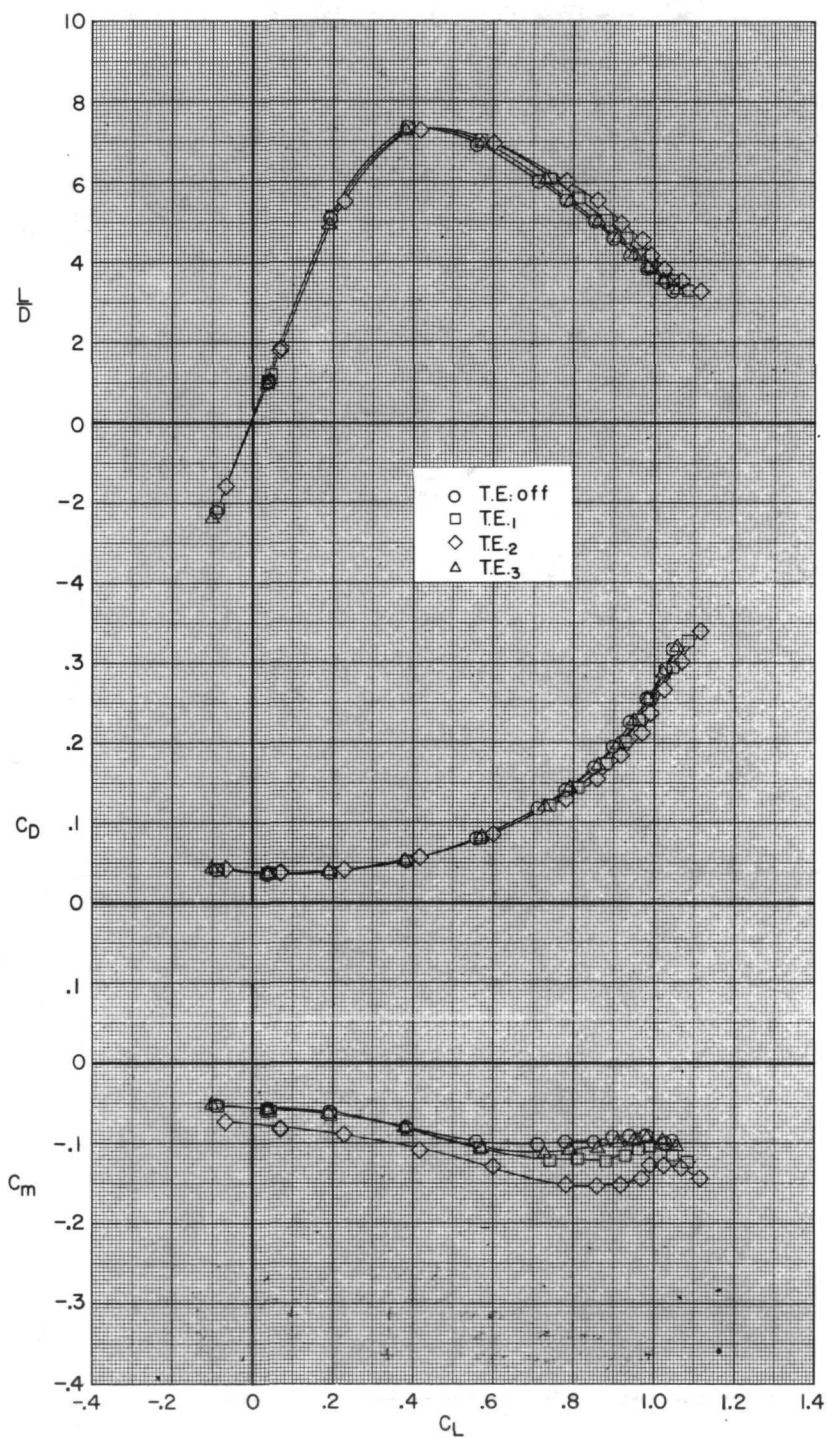
Figure 36.- Continued.





(b)  $M = 0.90$ .

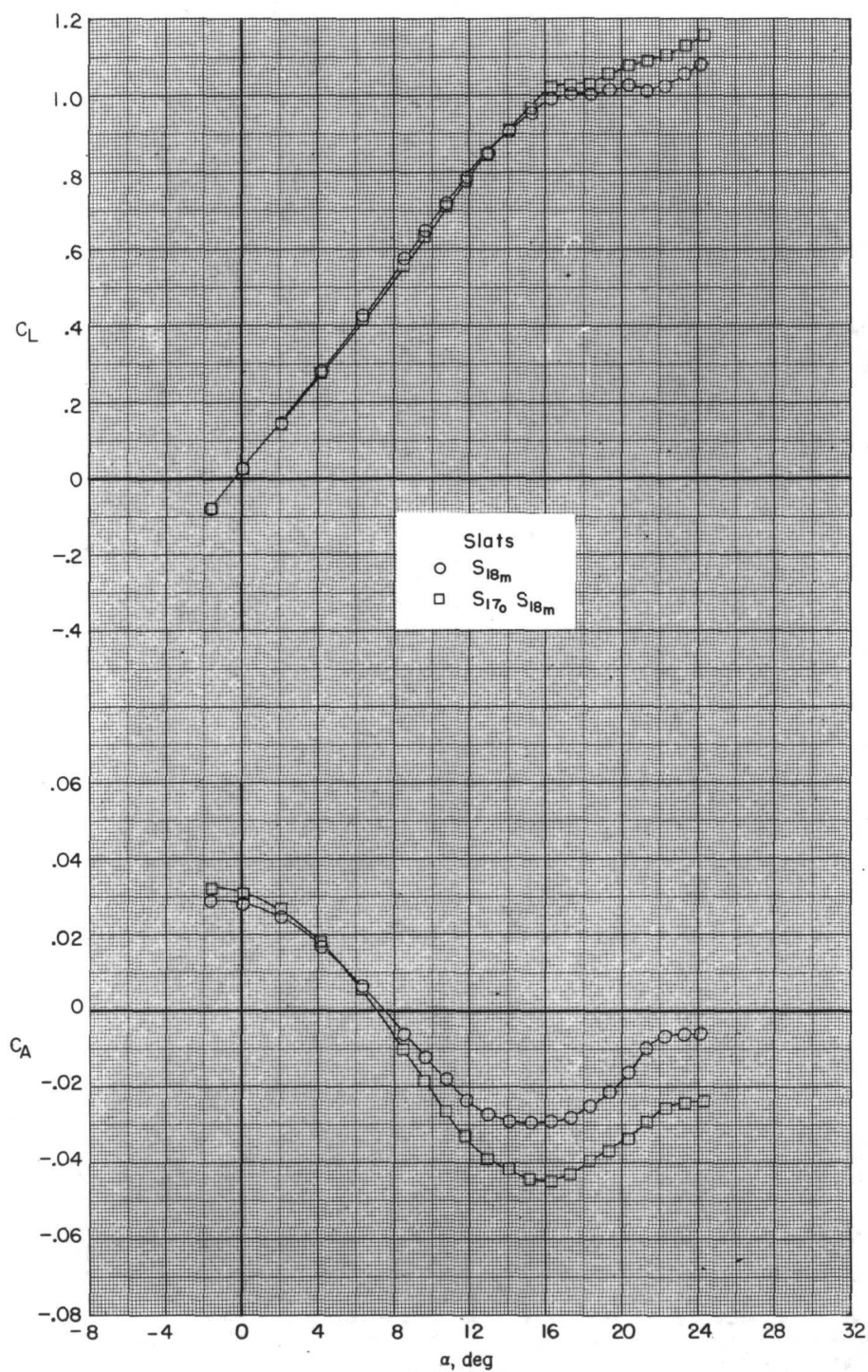
Figure 36.- Continued.



(b) Concluded.

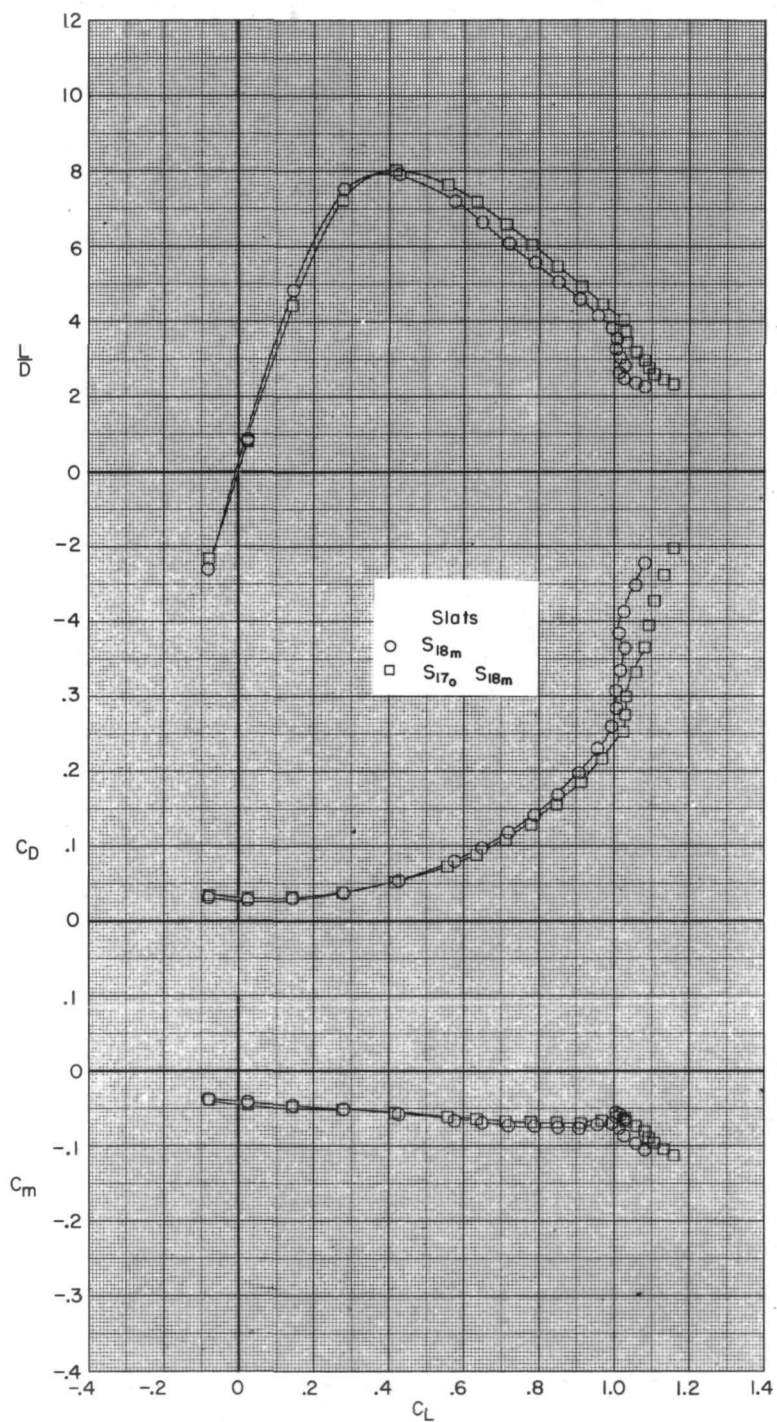
Figure 36.- Concluded.





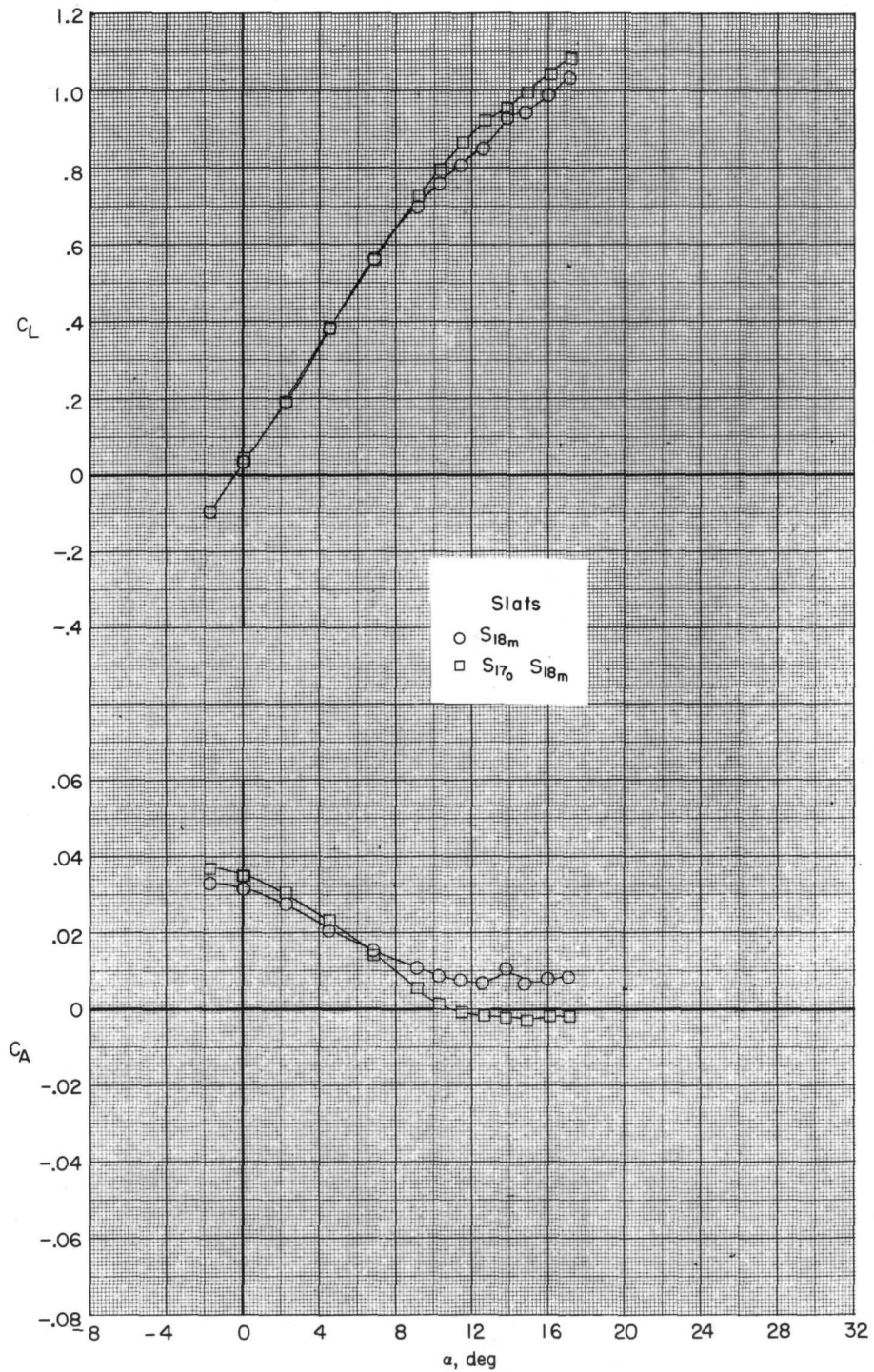
(a)  $M = 0.60$ .

Figure 37.- Effect of outboard slat  $S_{170}$  on the longitudinal characteristics of configuration 1 with the midspan slat  $S_{18m}$  and trailing-edge extension T.E.1.



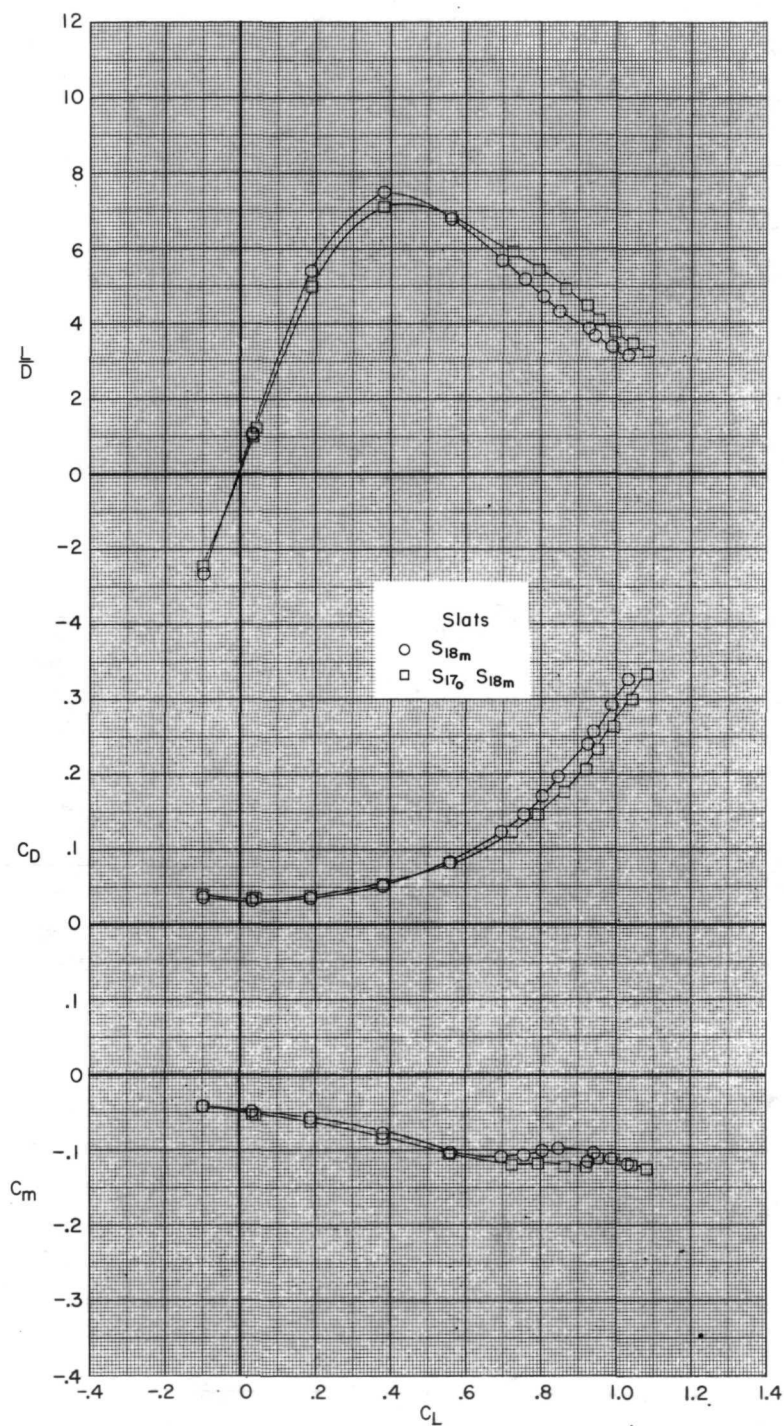
(a) Concluded.

Figure 37.- Continued.



(b)  $M = 0.90$ .

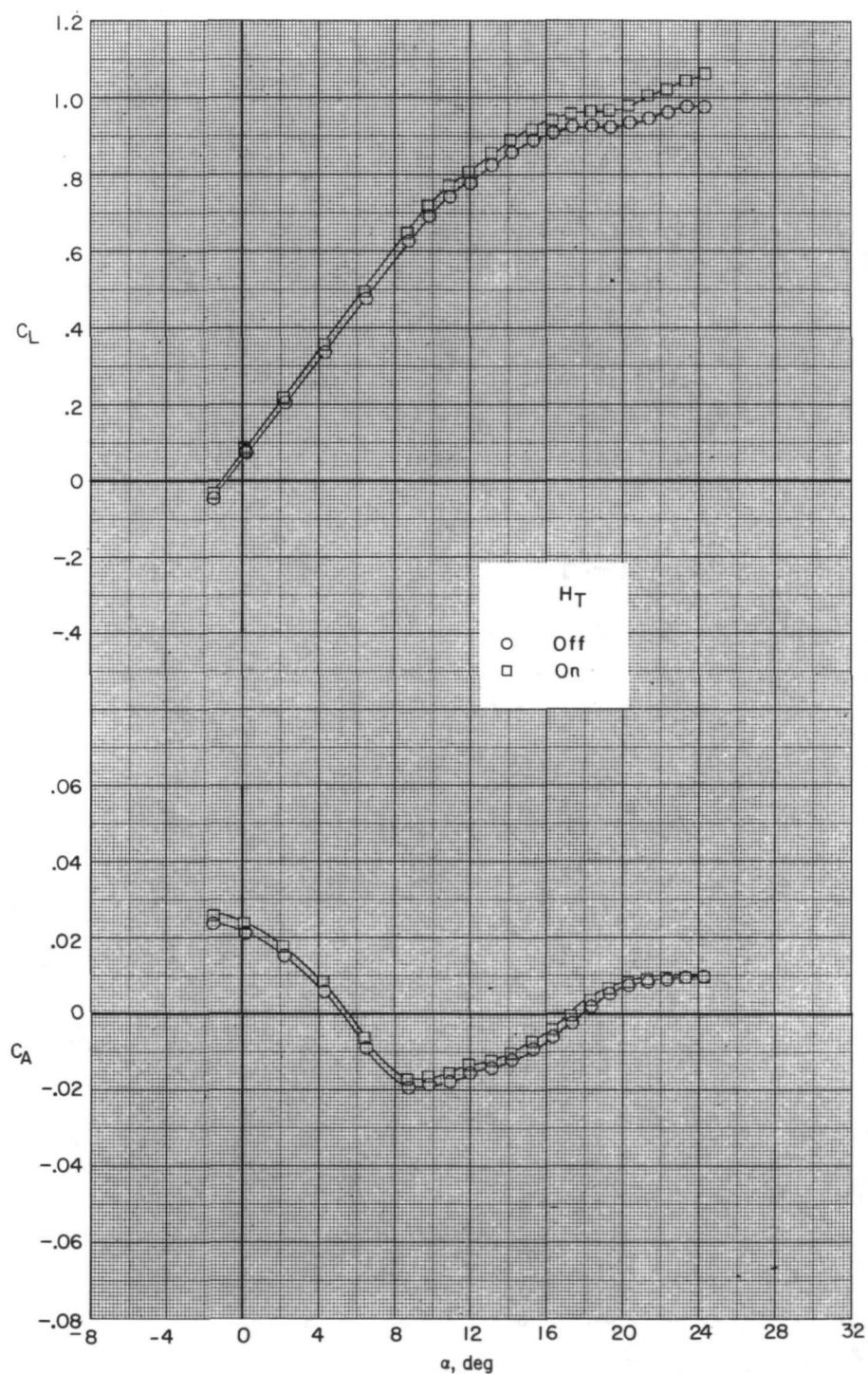
Figure 37.- Continued.



(b) Concluded.

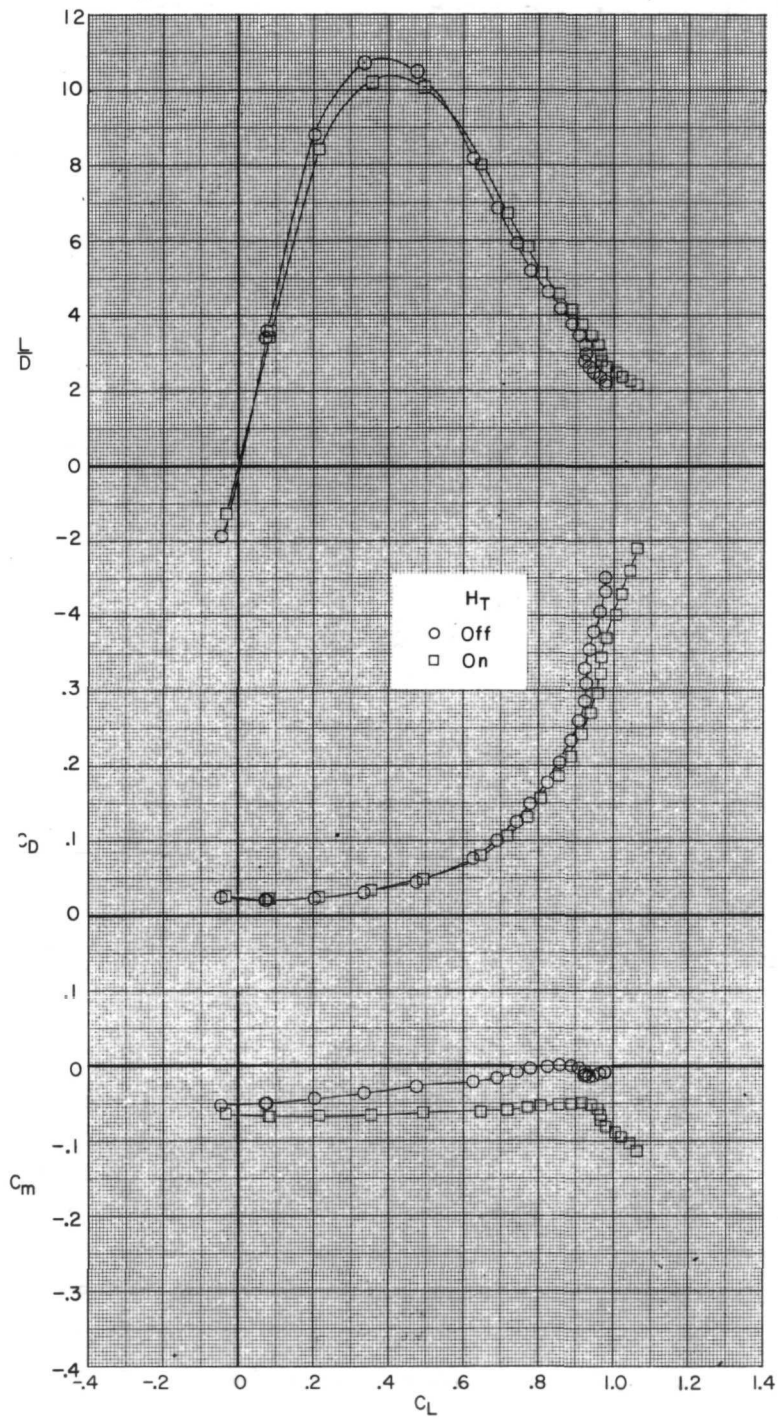
Figure 37.- Concluded.





(a)  $M = 0.60$ .

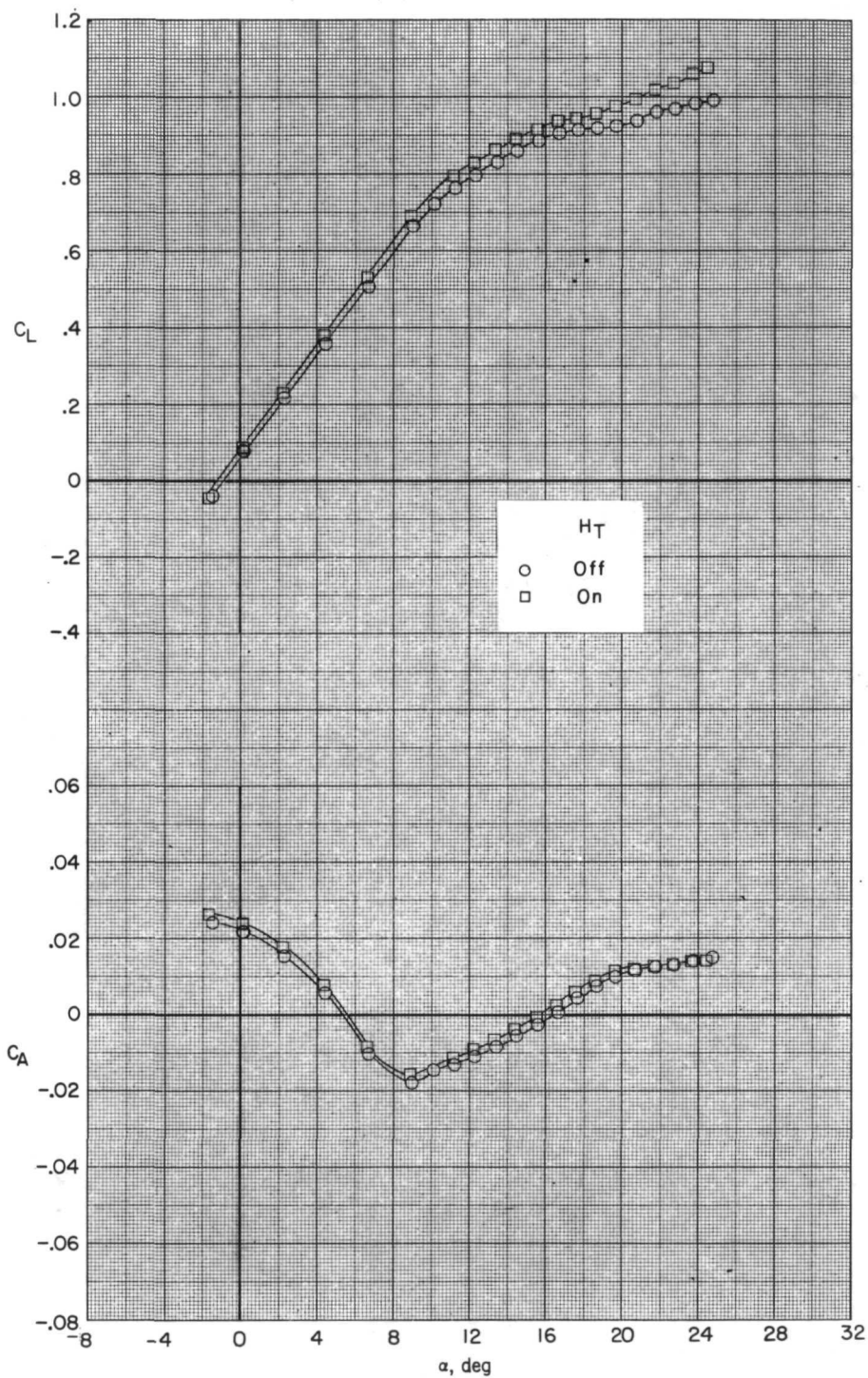
Figure 38.- Effect of the horizontal tail on the longitudinal characteristics of configuration 3.



(a) Concluded.

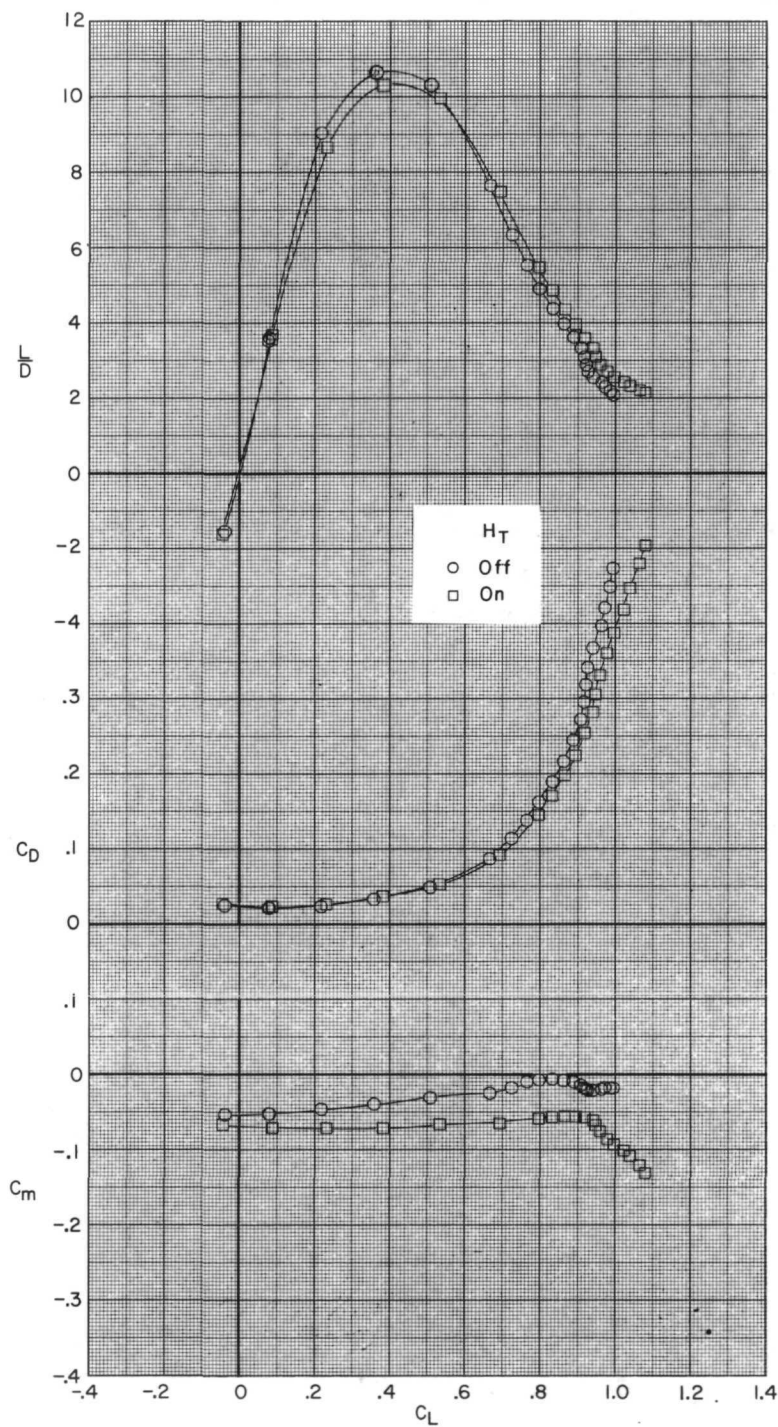
Figure 38.- Continued.





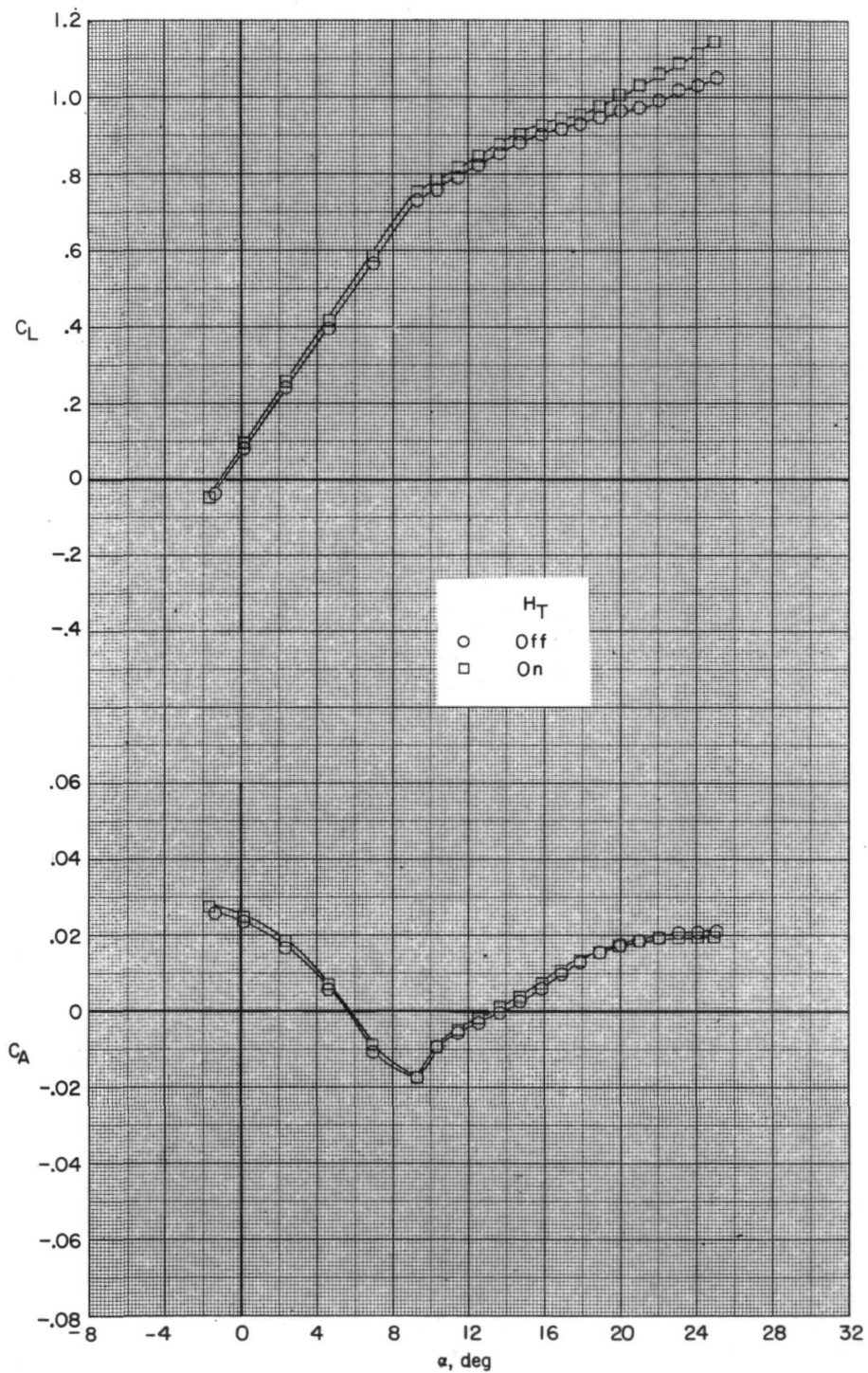
(b)  $M = 0.70$ .

Figure 38.- Continued.



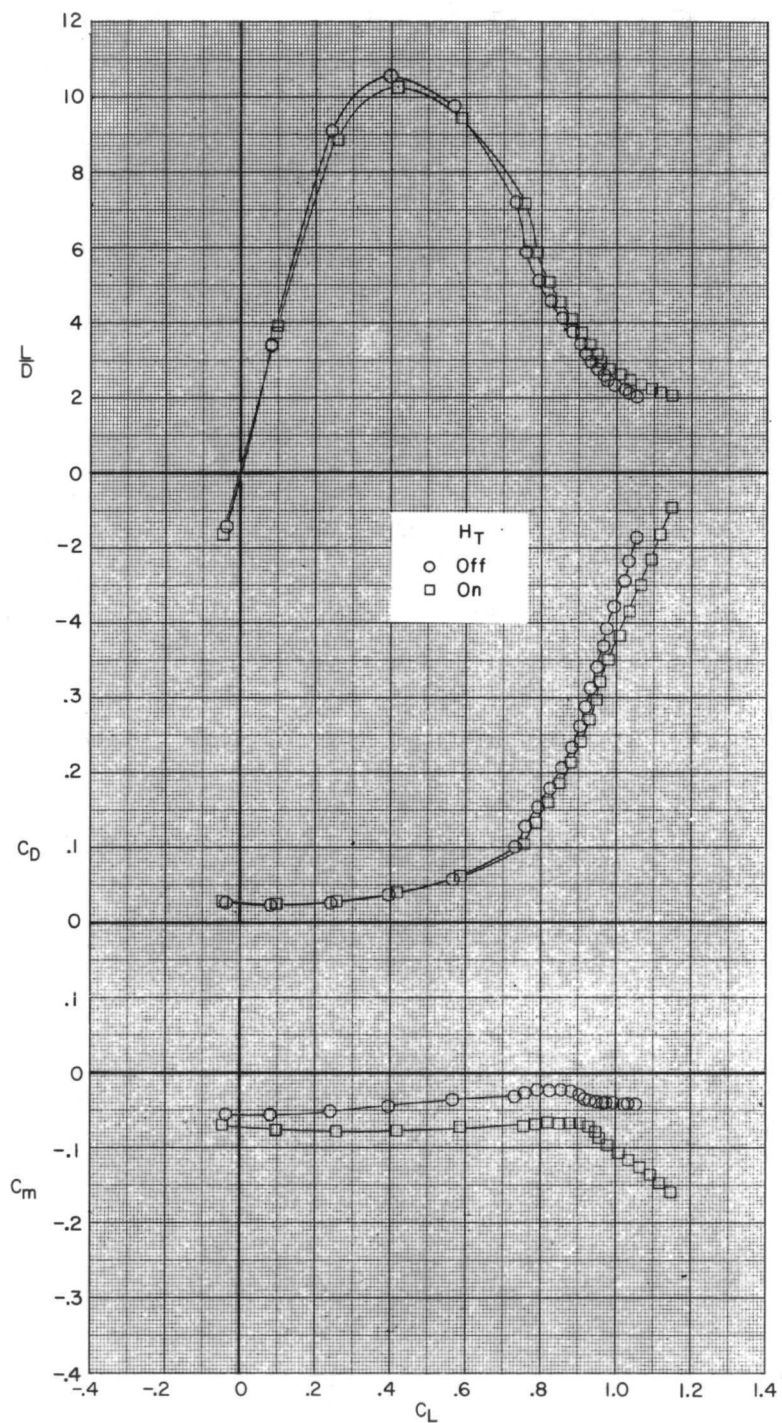
(b) Concluded.

Figure 38.- Continued.



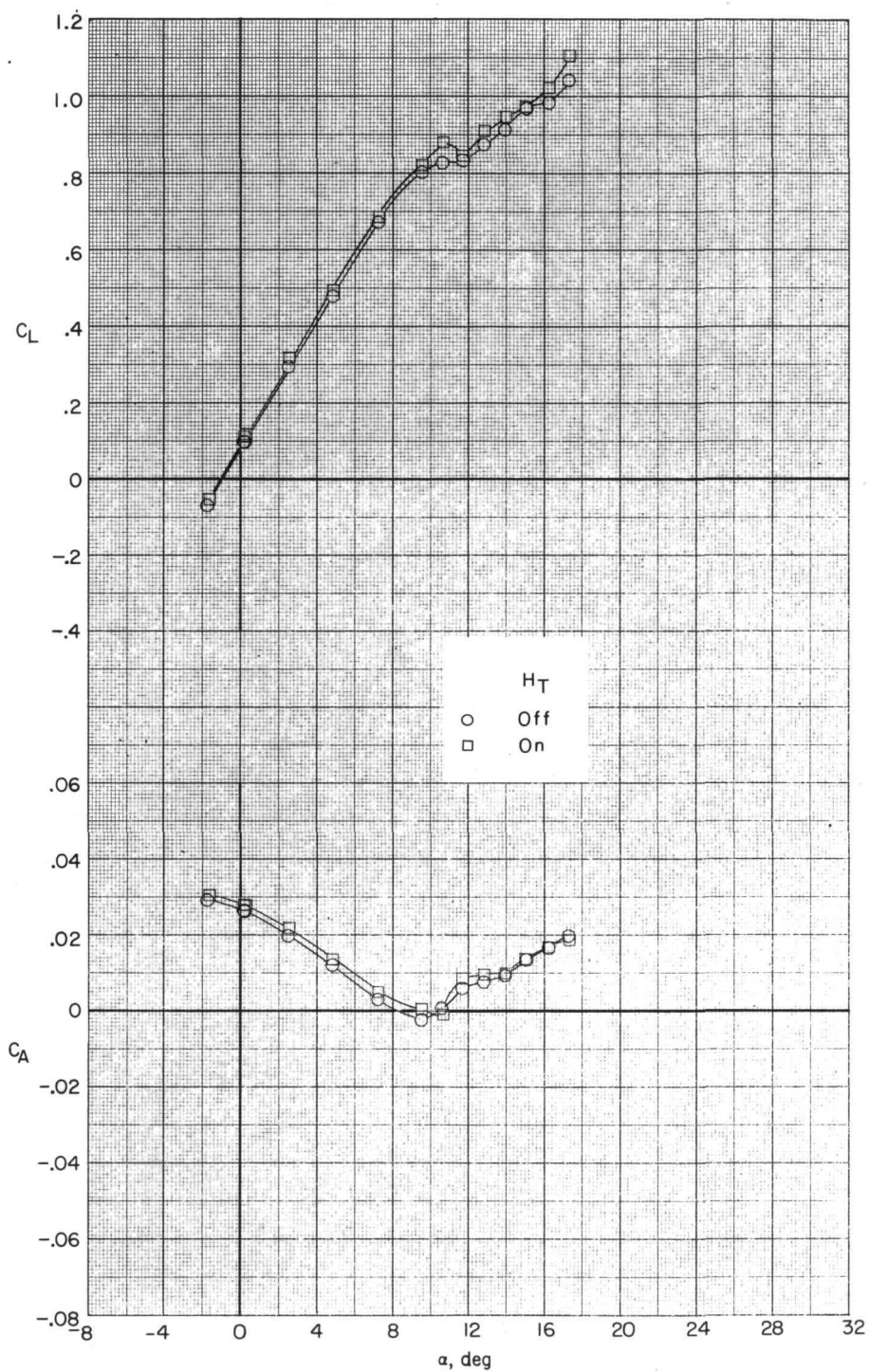
(c)  $M = 0.80$ .

Figure 38.- Continued.



(c) Concluded.

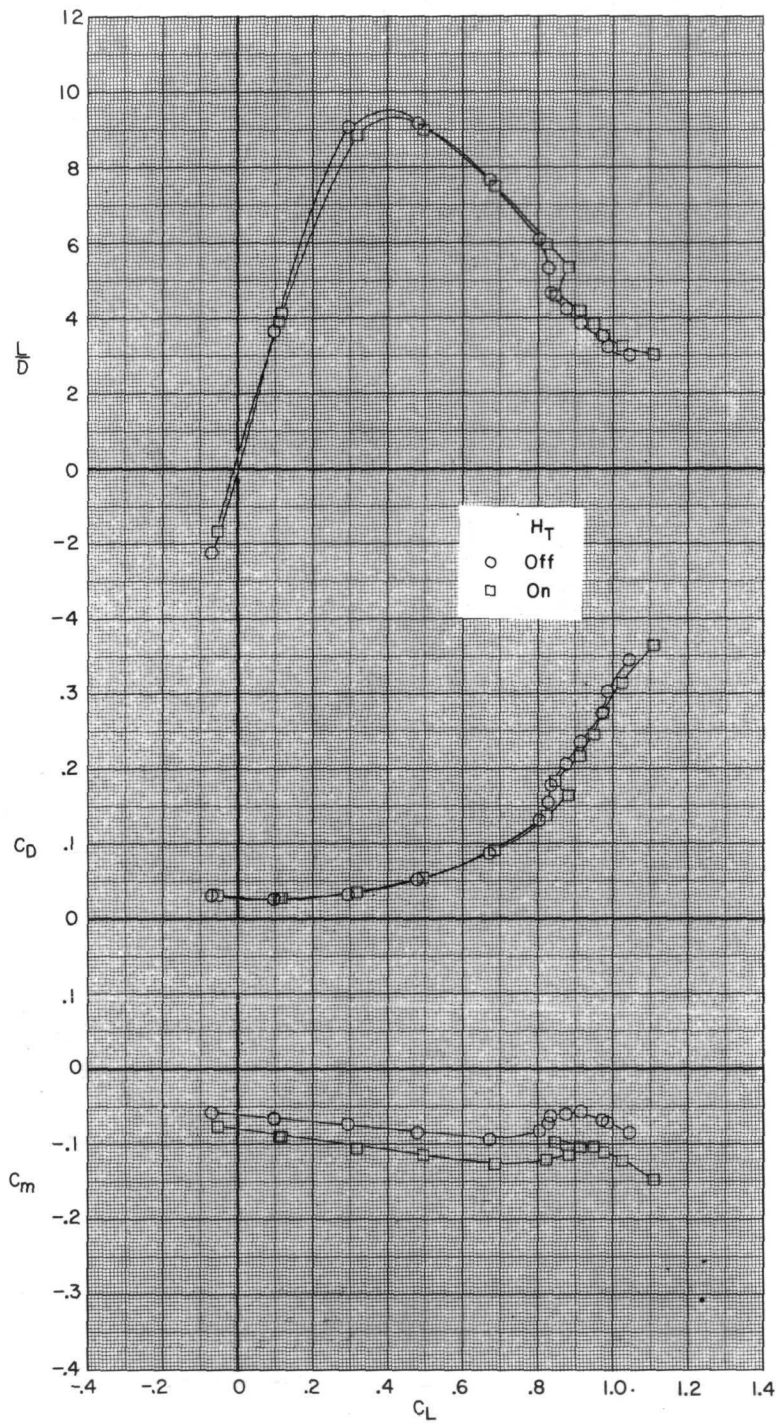
Figure 38.- Continued.



(d)  $M = 0.90$ .

Figure 38.- Continued.

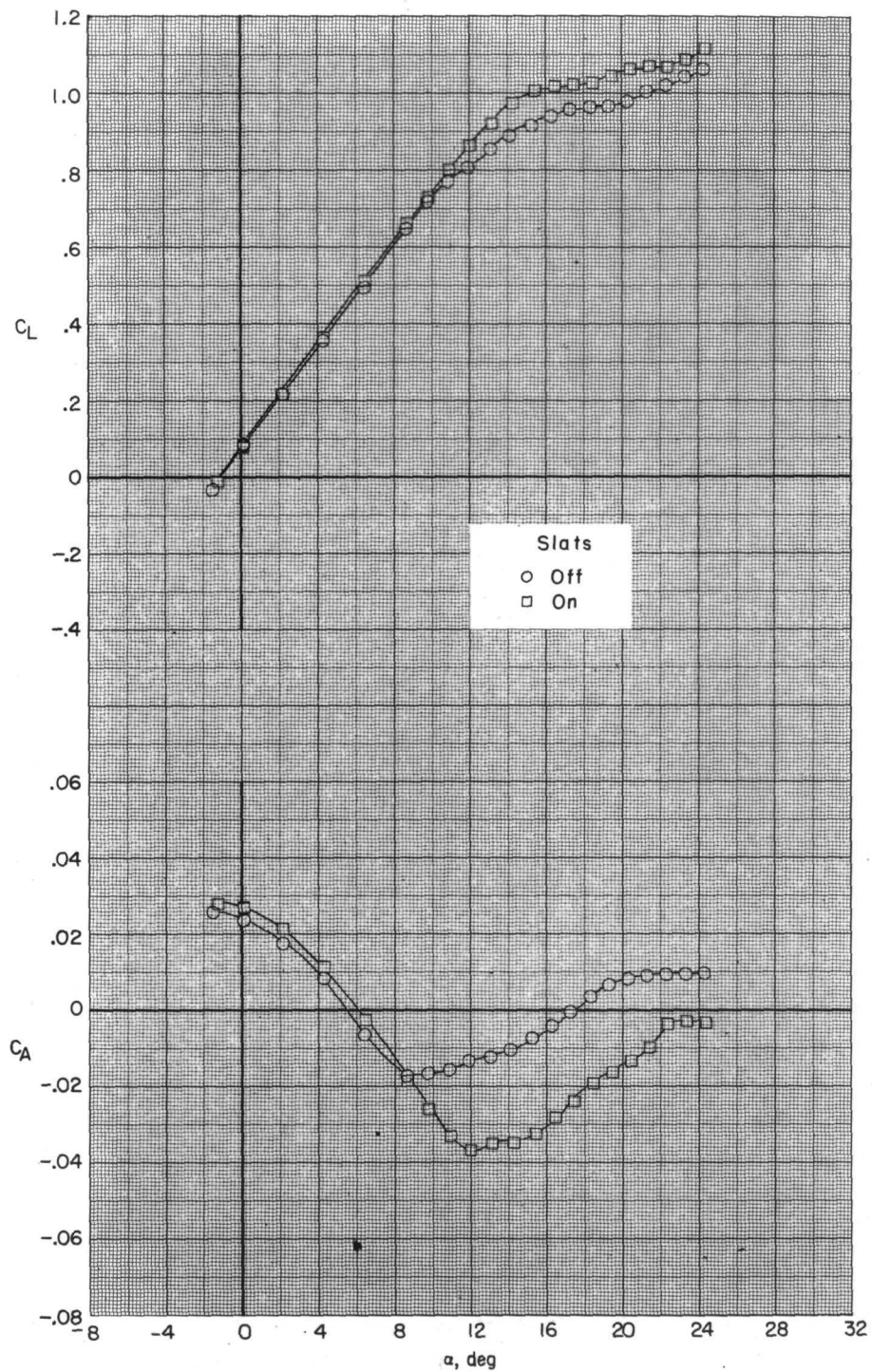




(d) Concluded.

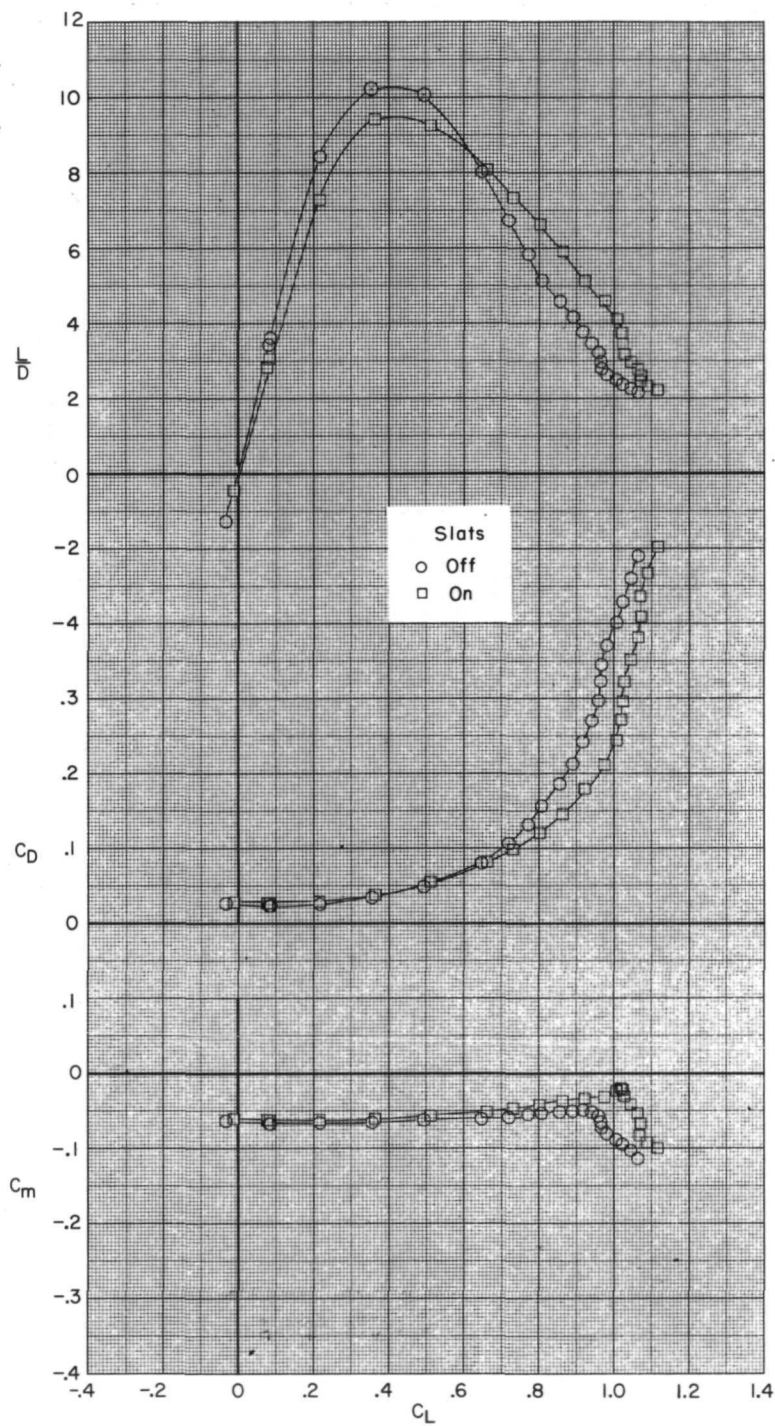
Figure 38.- Concluded.





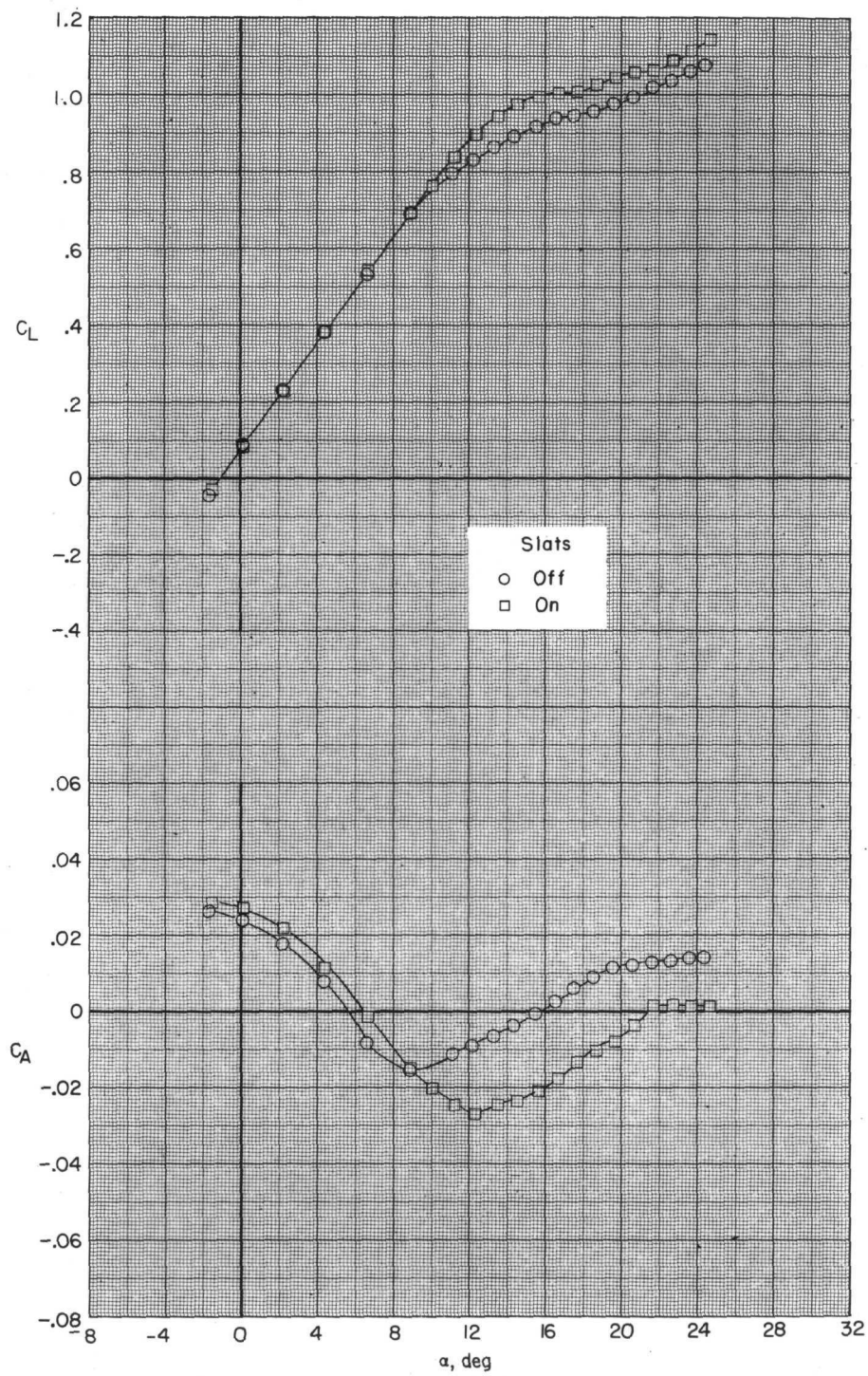
(a)  $M = 0.60$ .

Figure 39.- Effect of wing slats on the longitudinal characteristics of configuration 3.



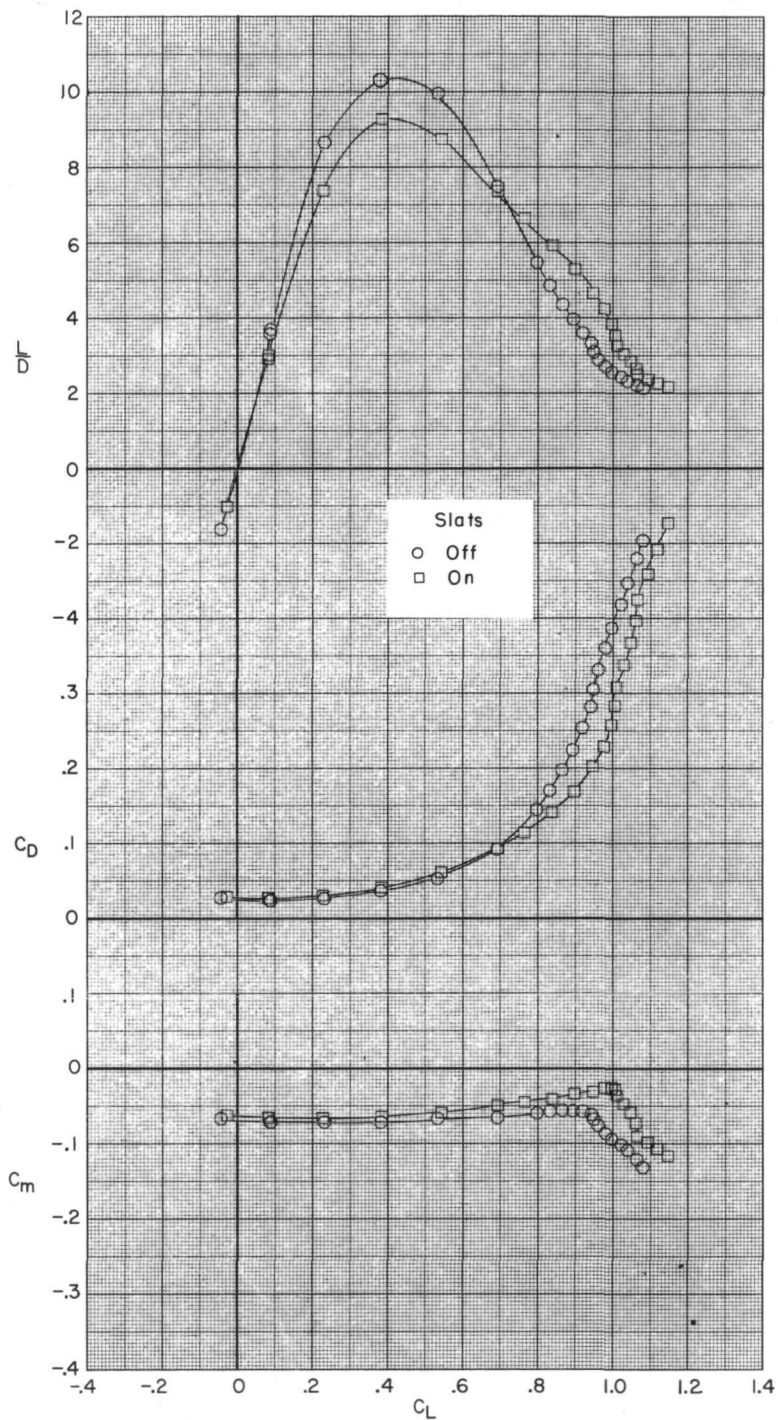
(a) Concluded.

Figure 39.- Continued.



(b)  $M = 0.70$ .

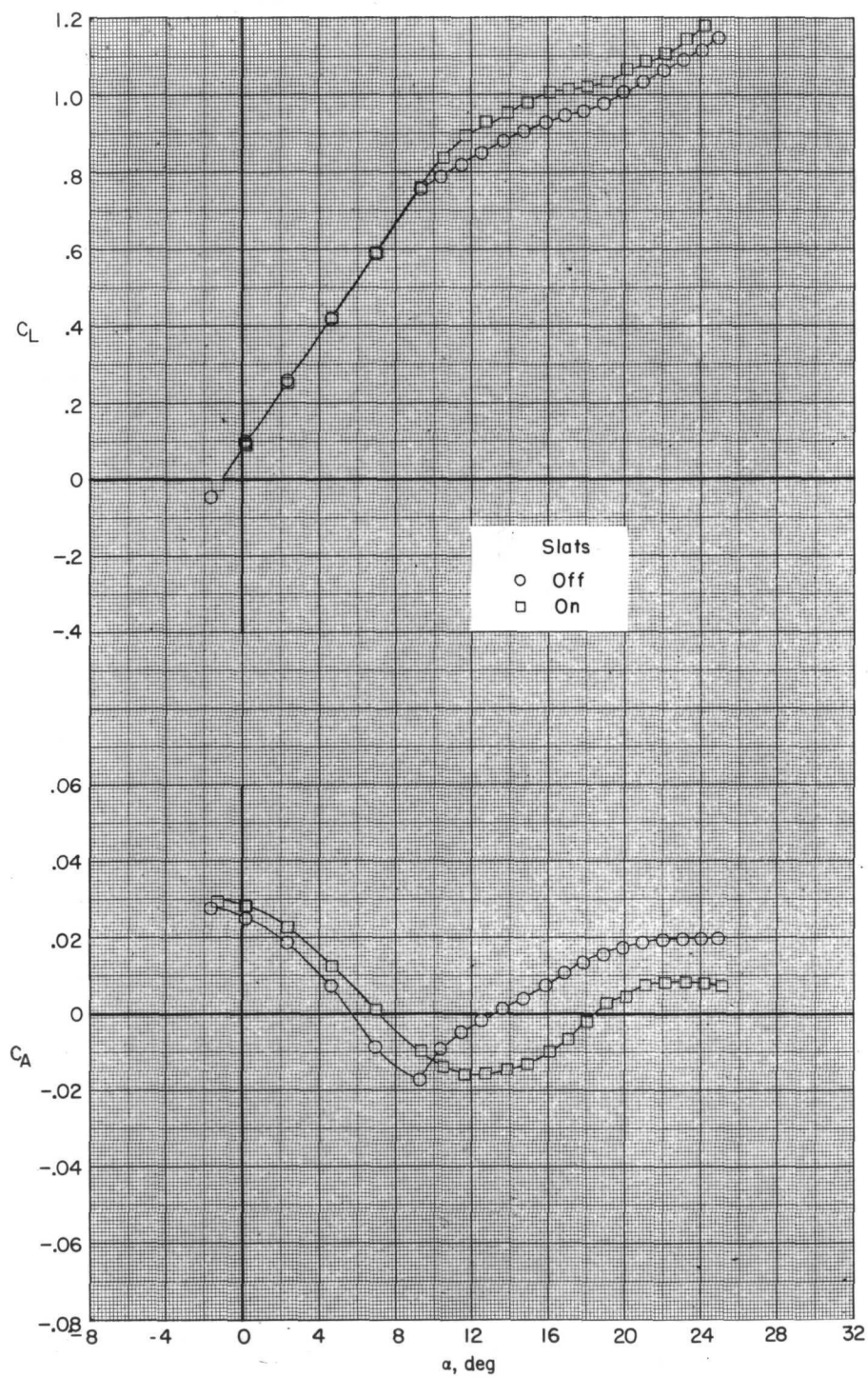
Figure 39.- Continued.



(b) Concluded.

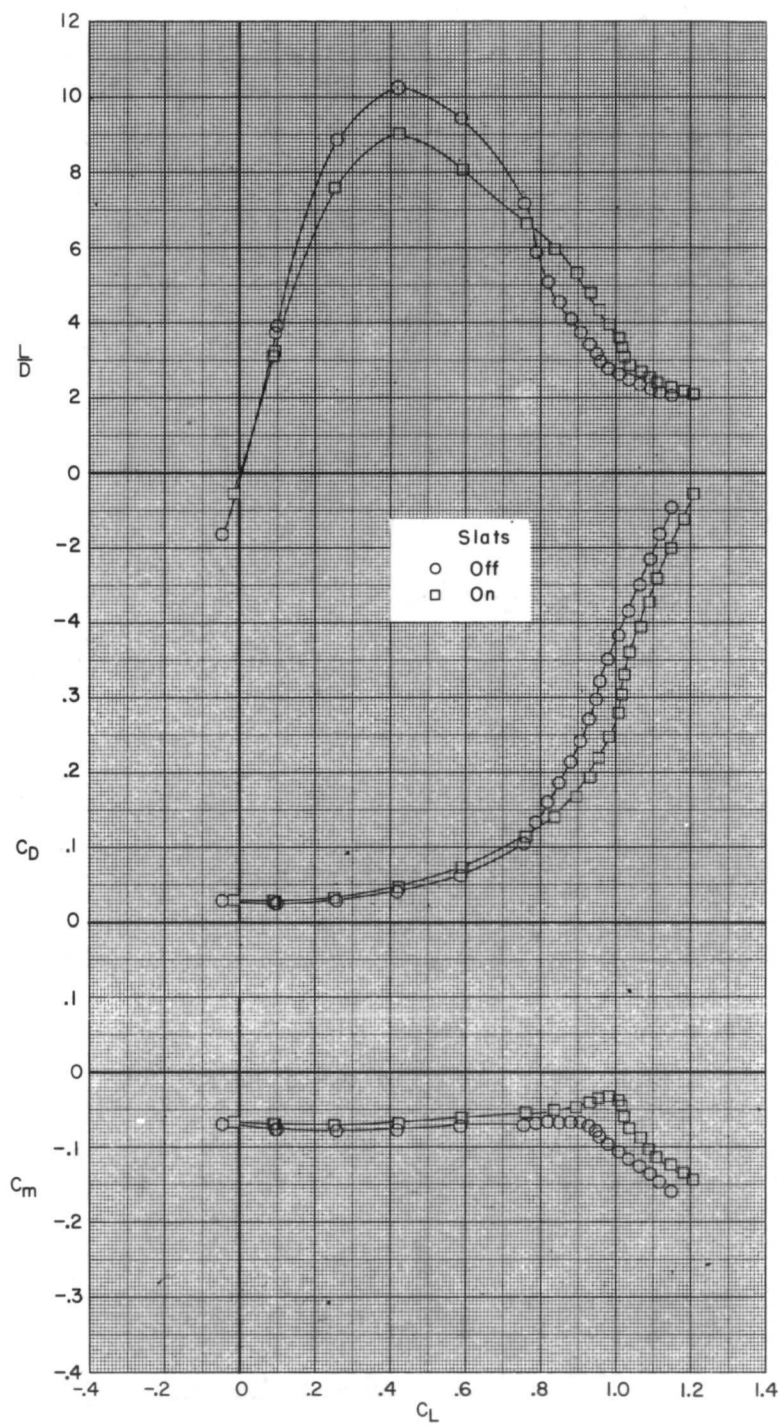
Figure 39.- Continued.





(c)  $M = 0.80$ .

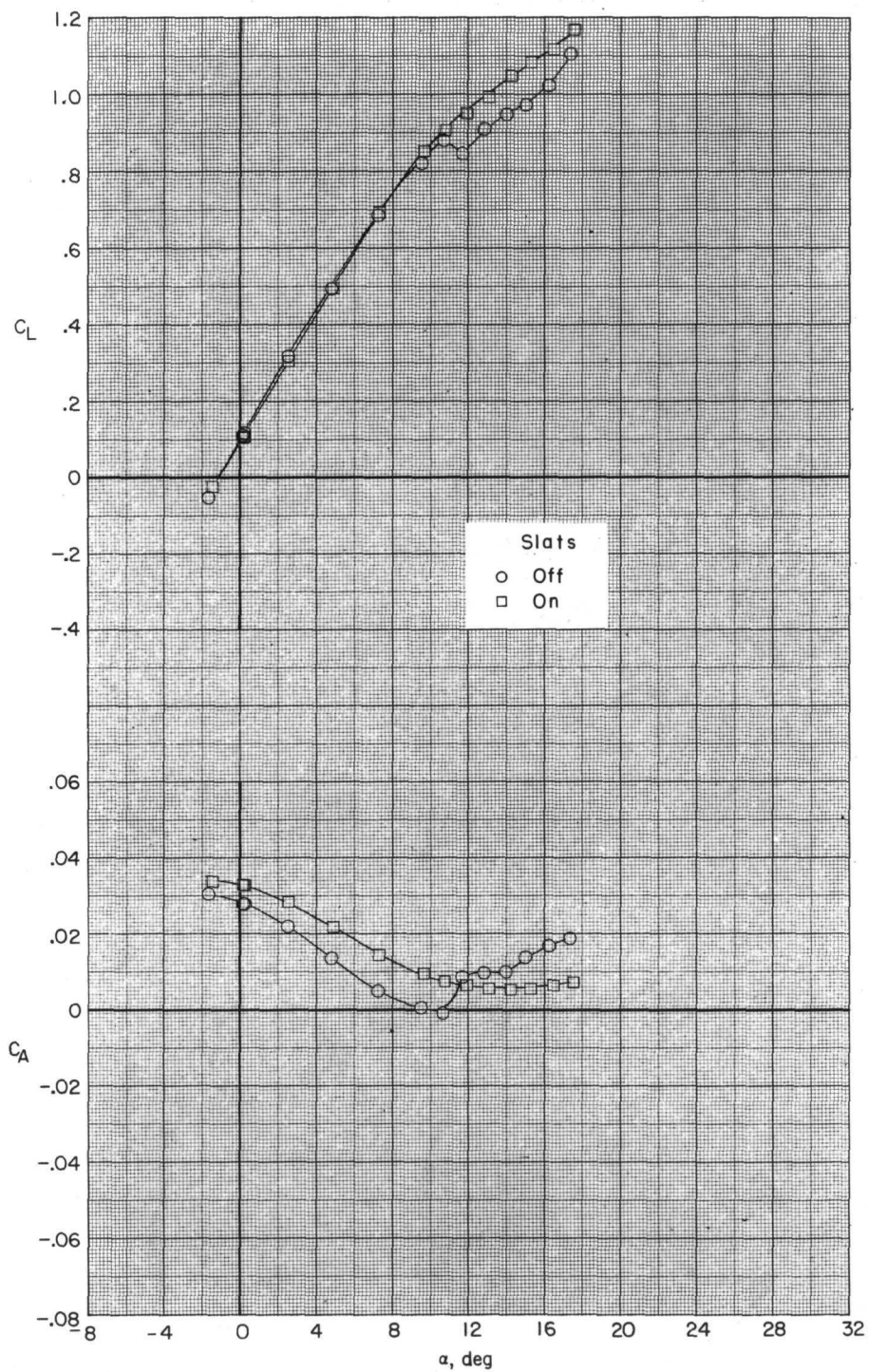
Figure 39.- Continued.



(c) Concluded.

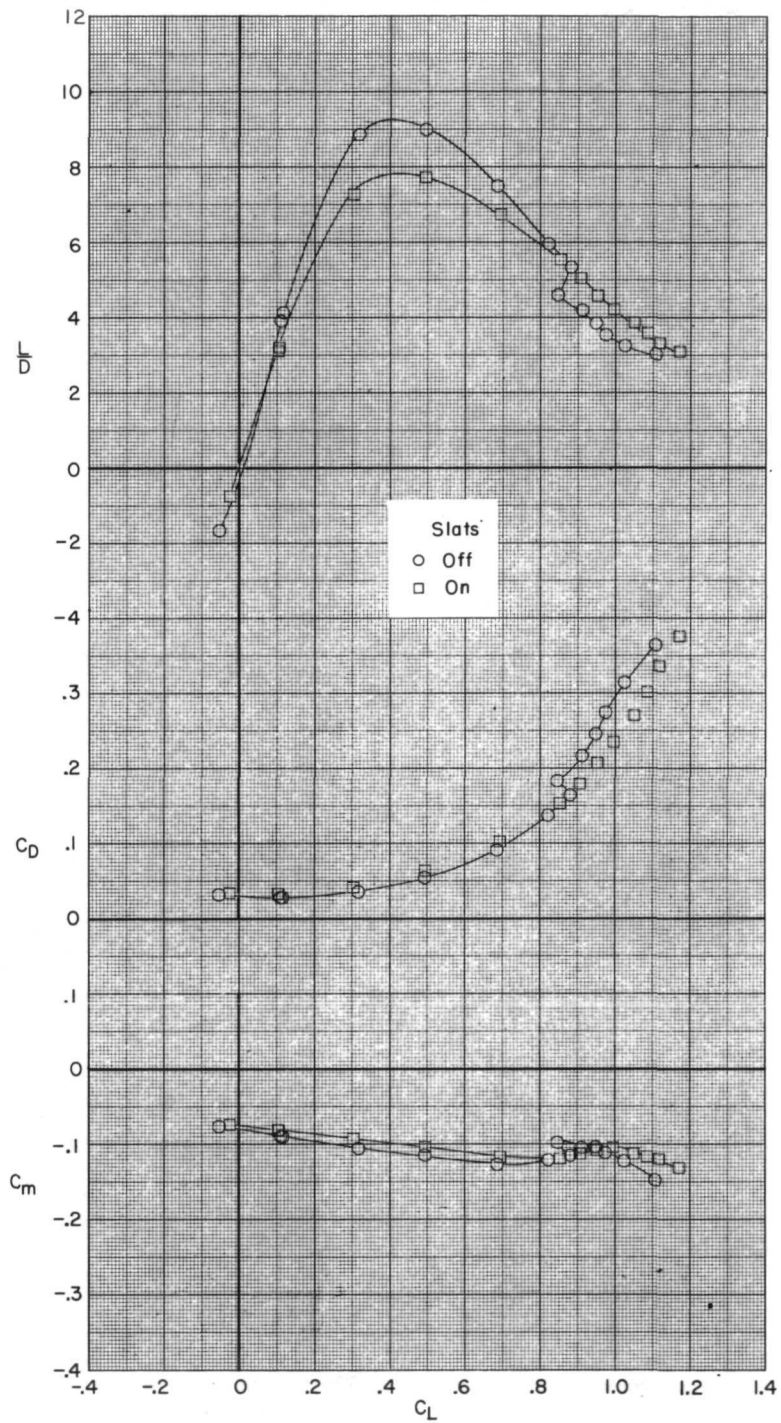
Figure 39.- Continued.





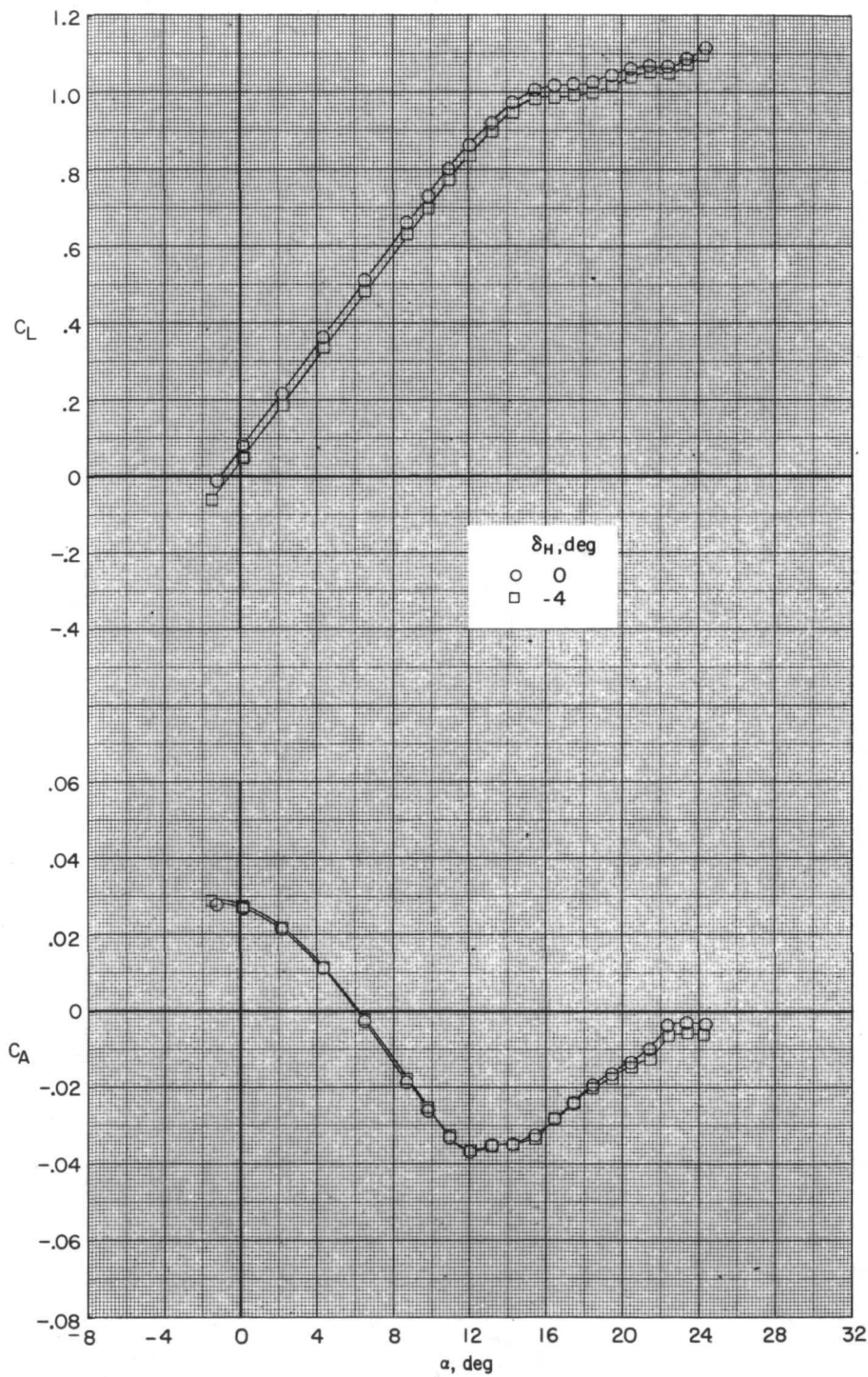
(d)  $M = 0.90$ .

Figure 39.- Continued.



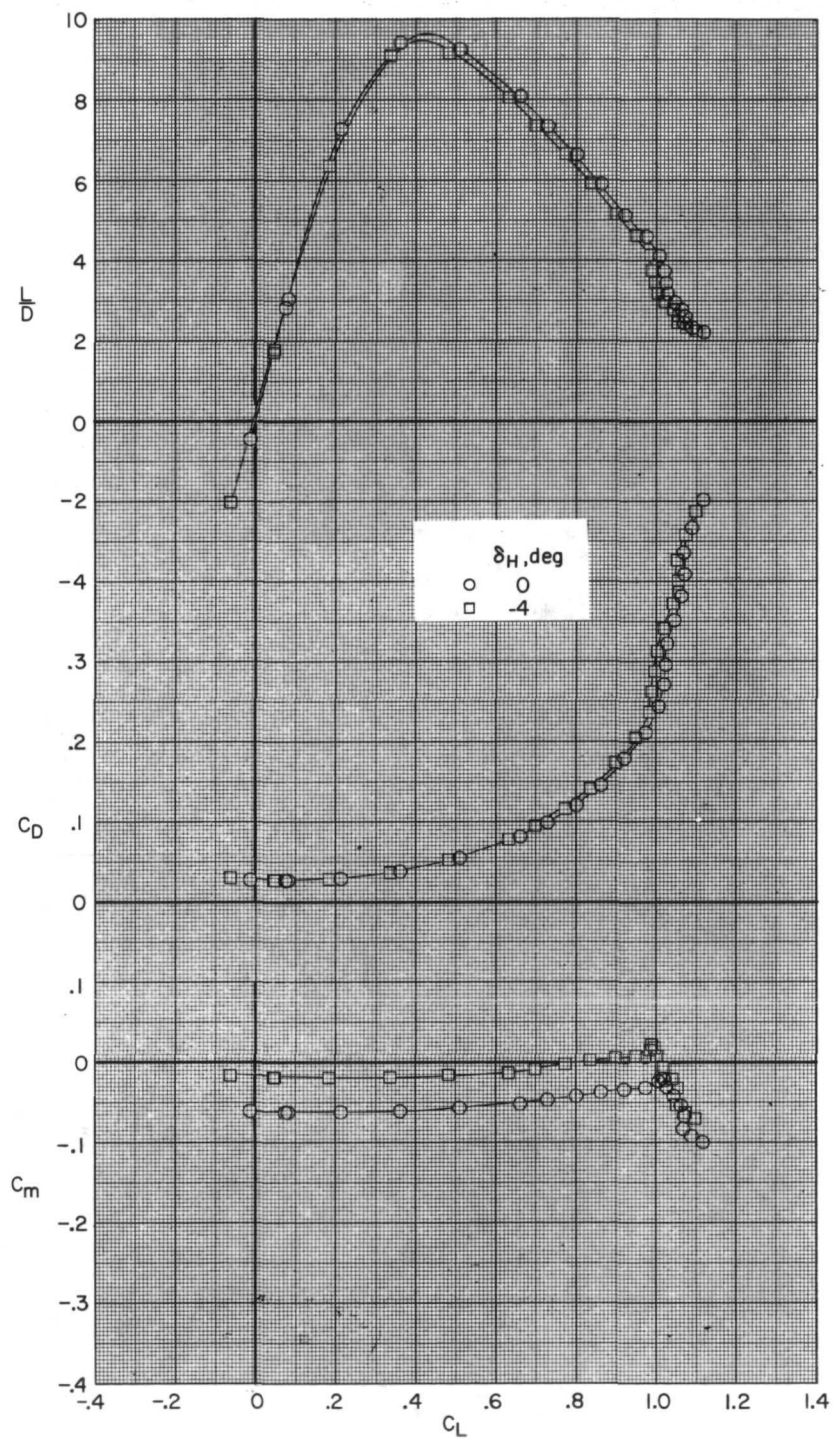
(d) Concluded.

Figure 39.- Concluded.



(a)  $M = 0.60$ .

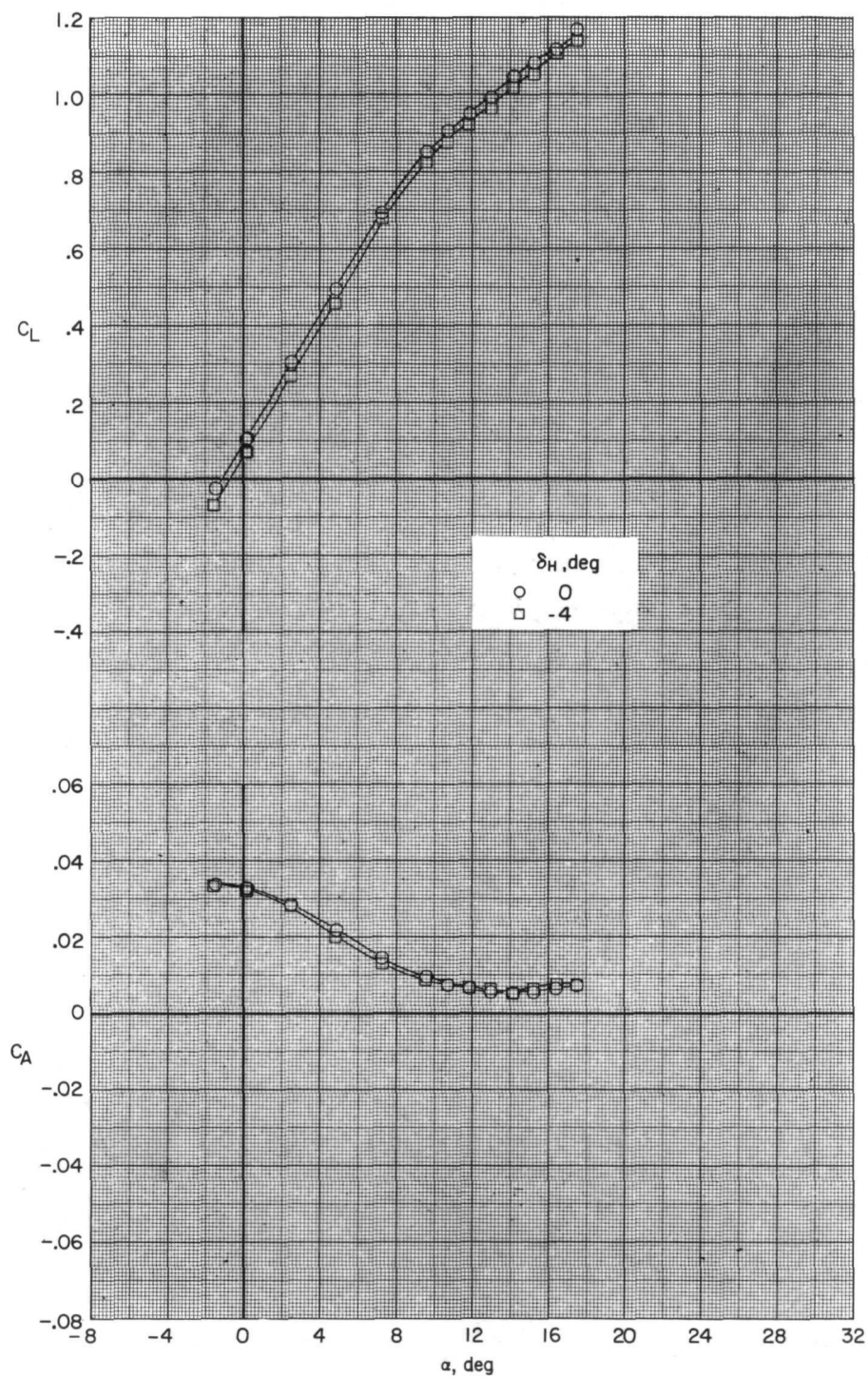
Figure 40.- Effect of the horizontal-tail deflection on the longitudinal characteristics of configuration 3 with leading-edge wing slats.



(a) Concluded.

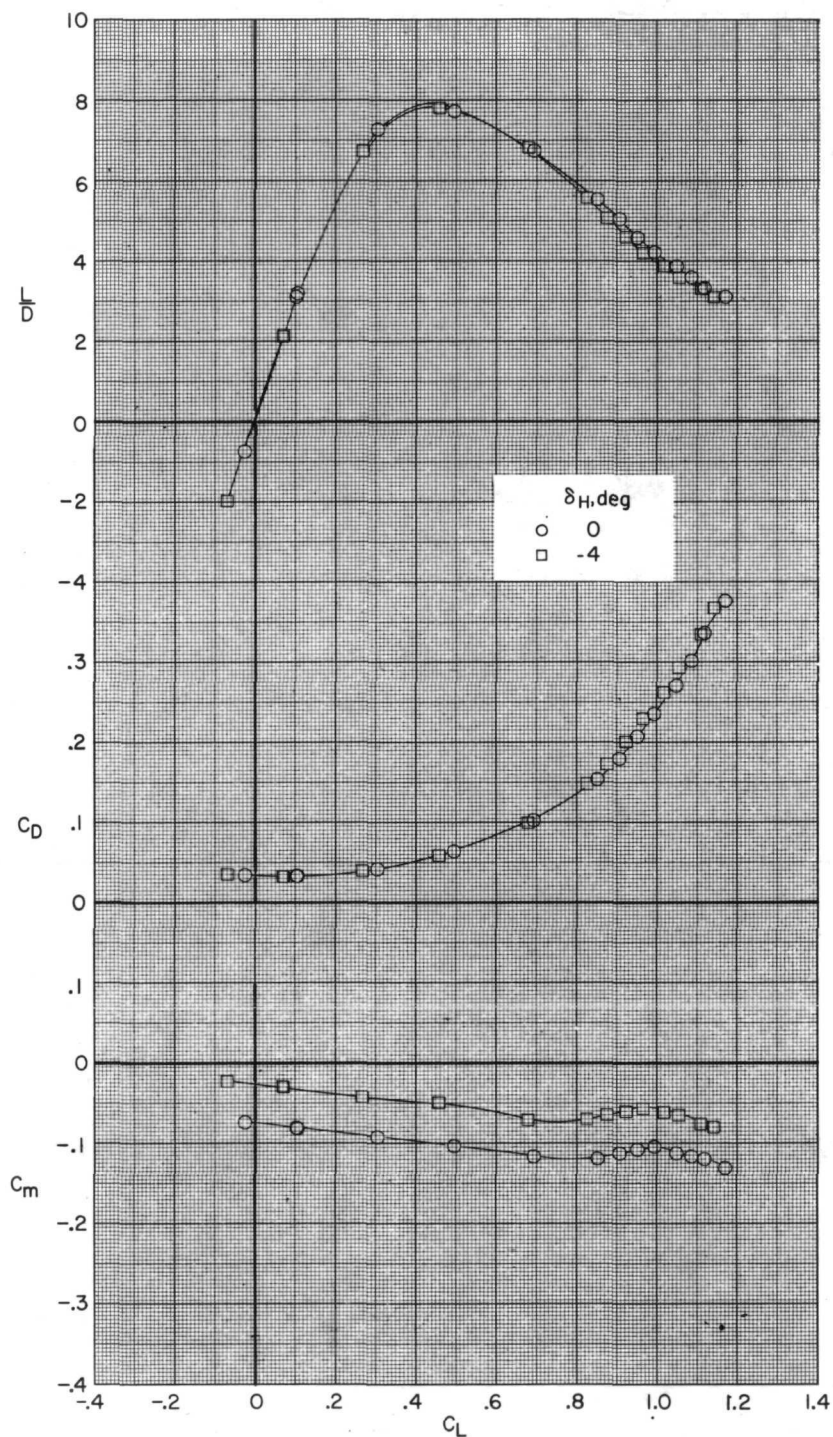
Figure 40.- Continued.





(b)  $M = 0.90$ .

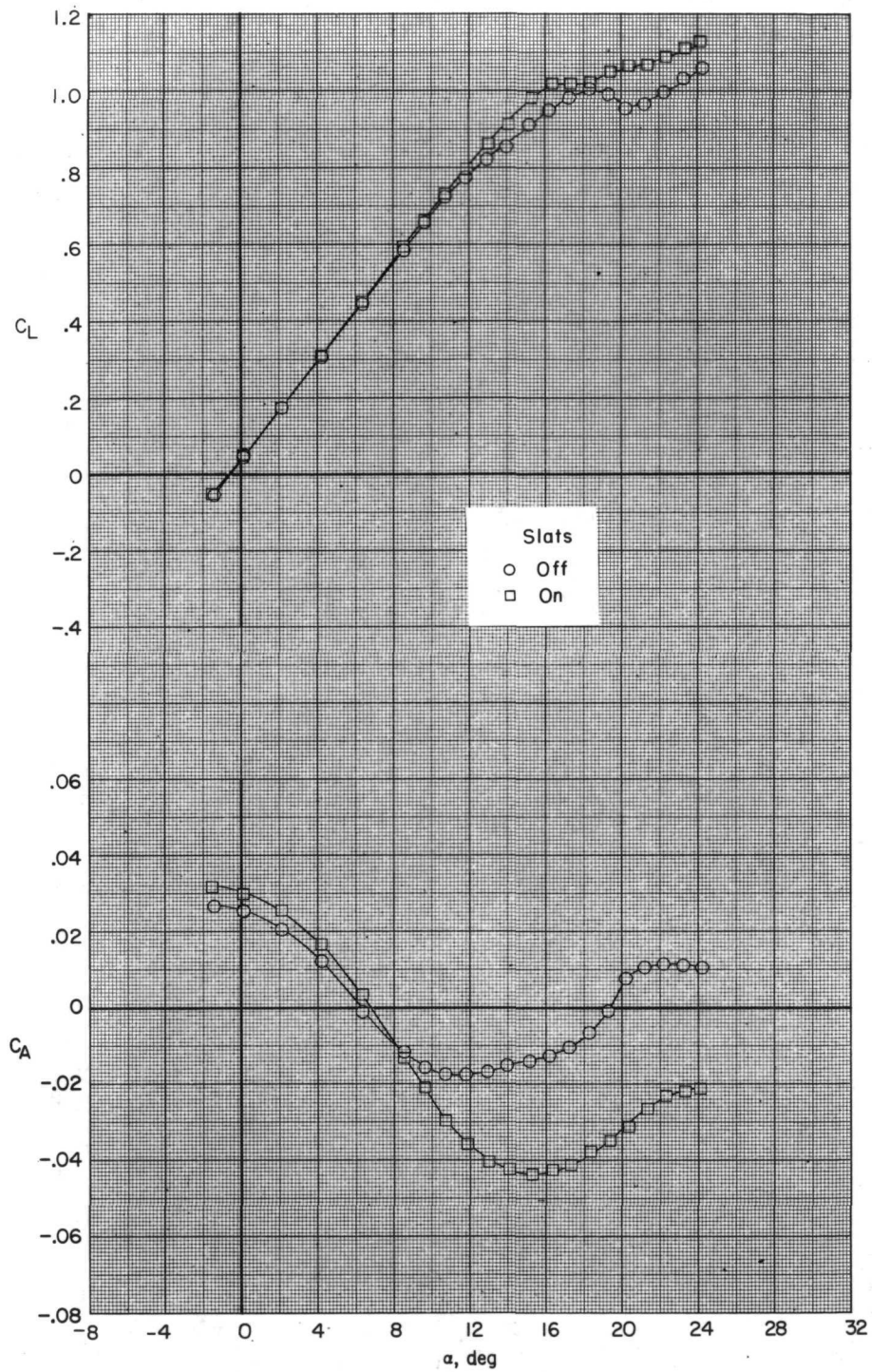
Figure 40.- Continued.



(b) Concluded.

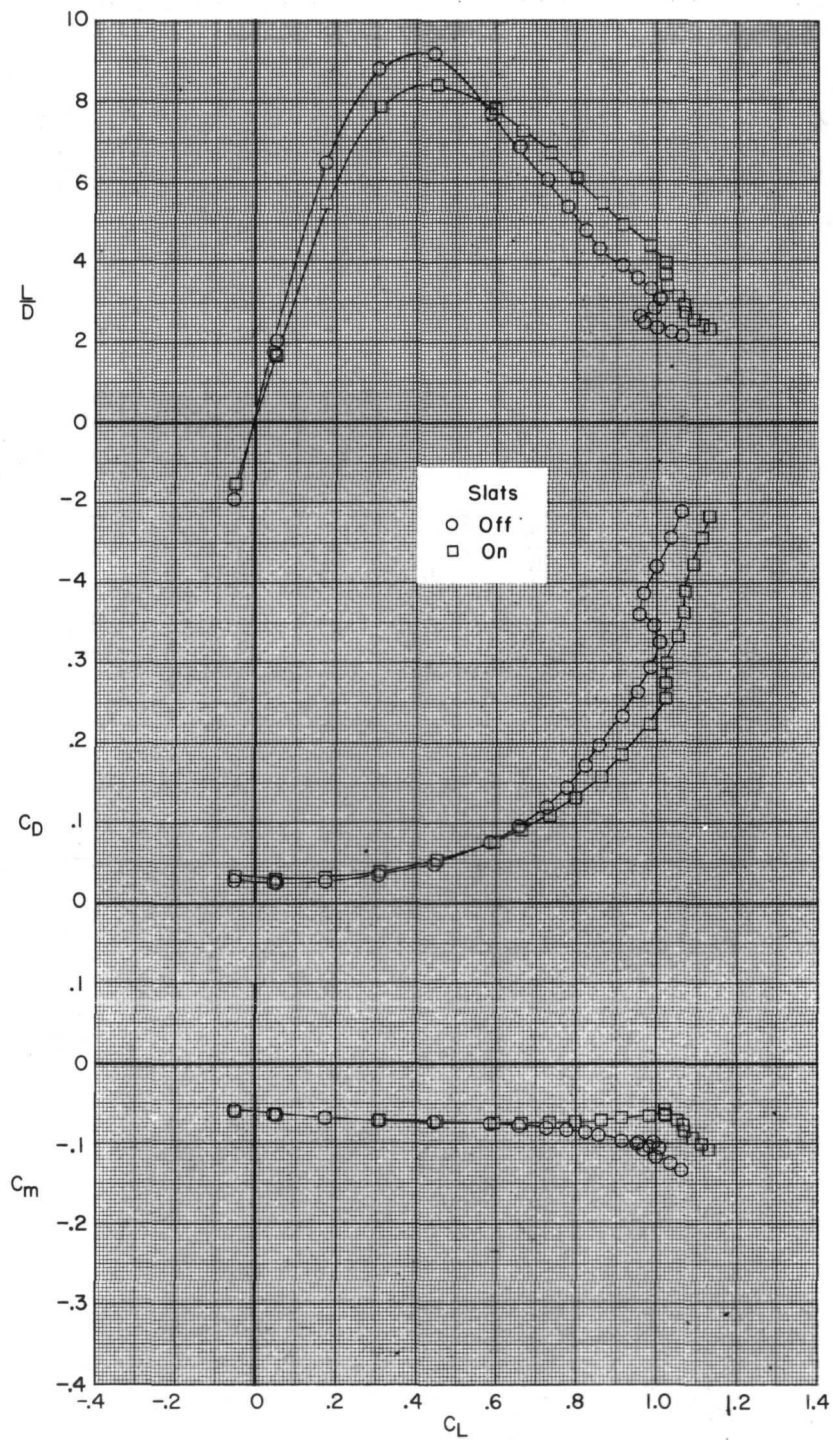
Figure 40.- Concluded.





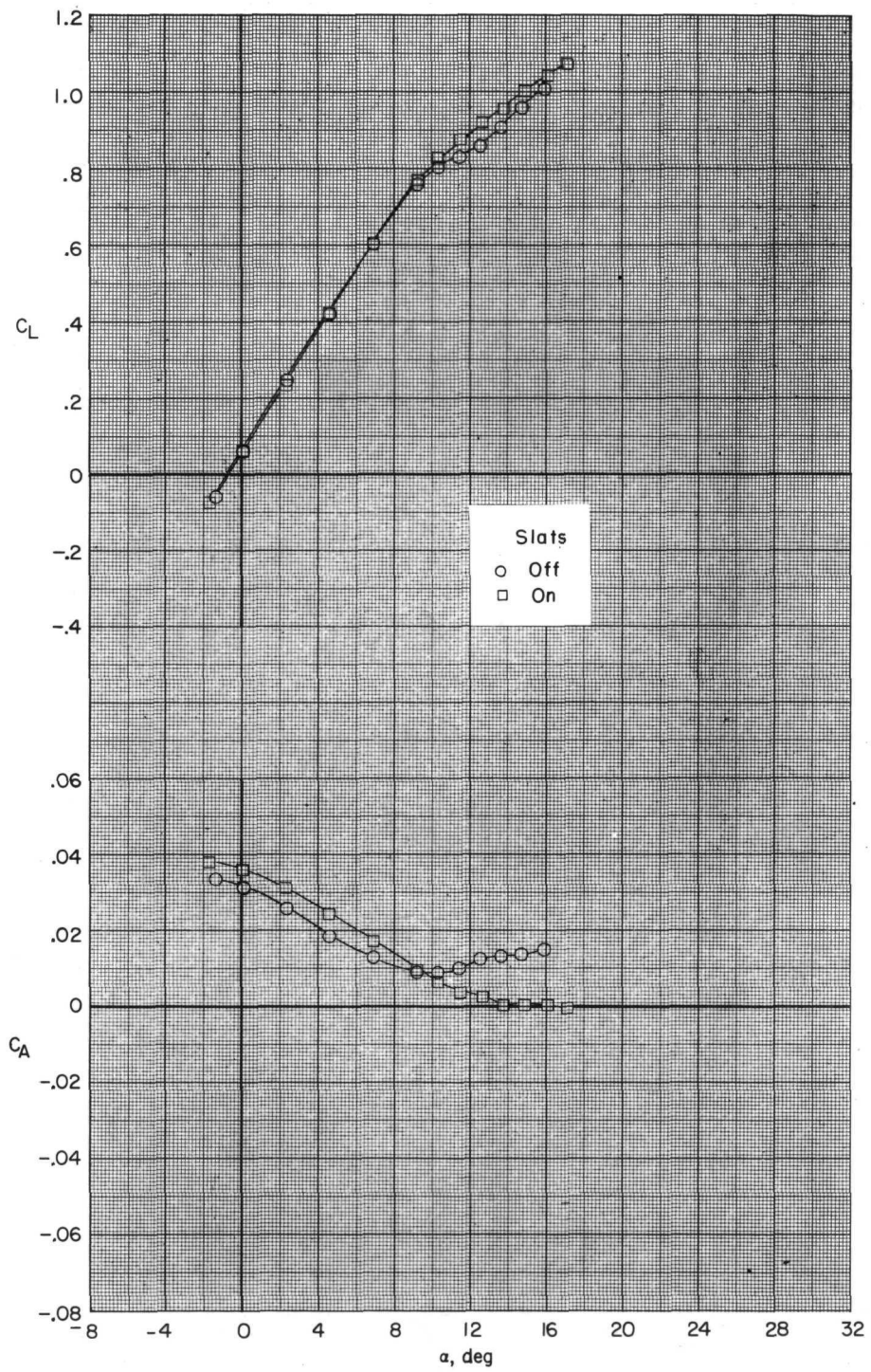
(a)  $M = 0.60$ .

Figure 41.- Effect of slats on the longitudinal characteristics of configuration 4.



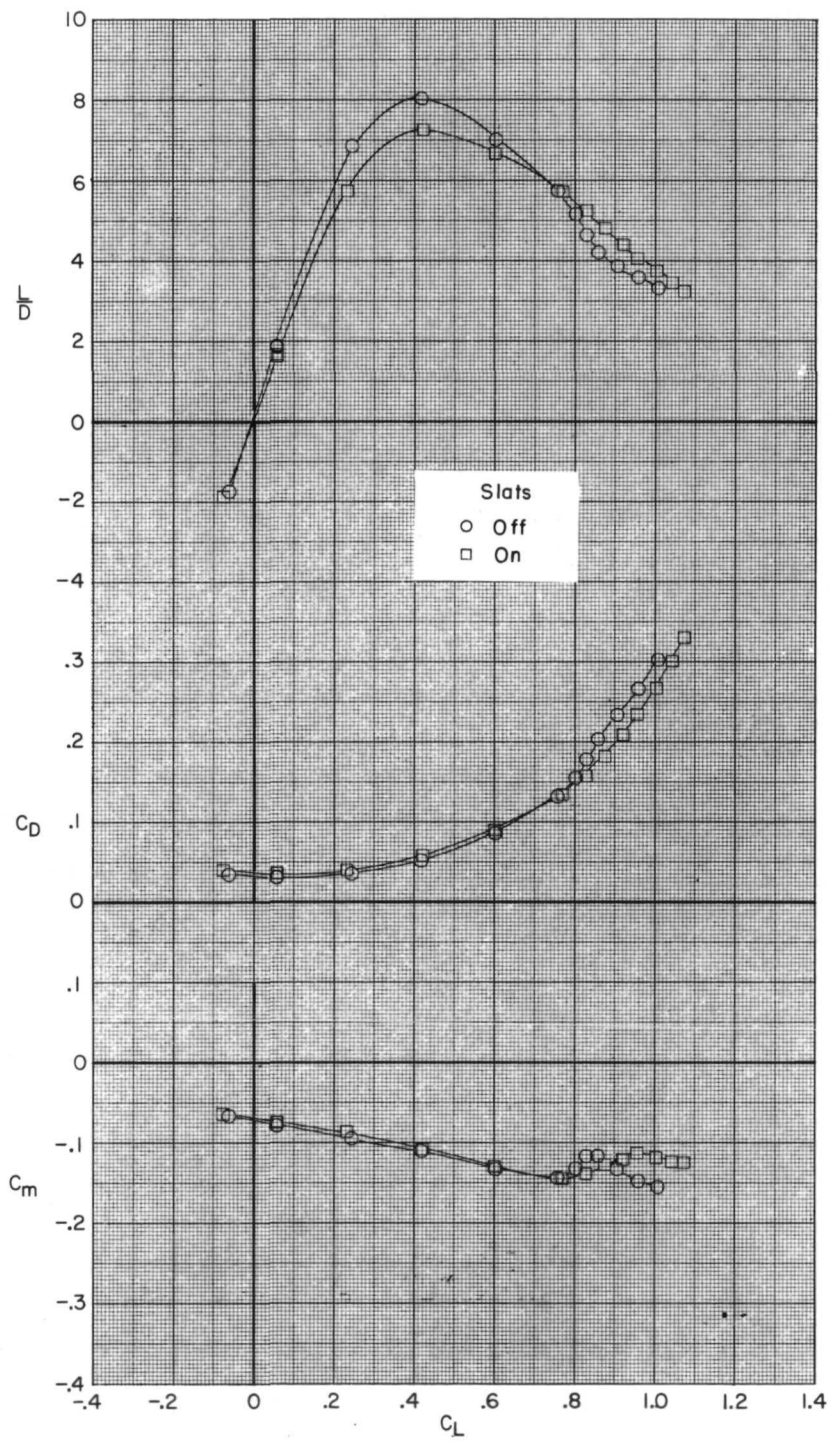
(a) Concluded.

Figure 41.- Continued.



(b)  $M = 0.90$ .

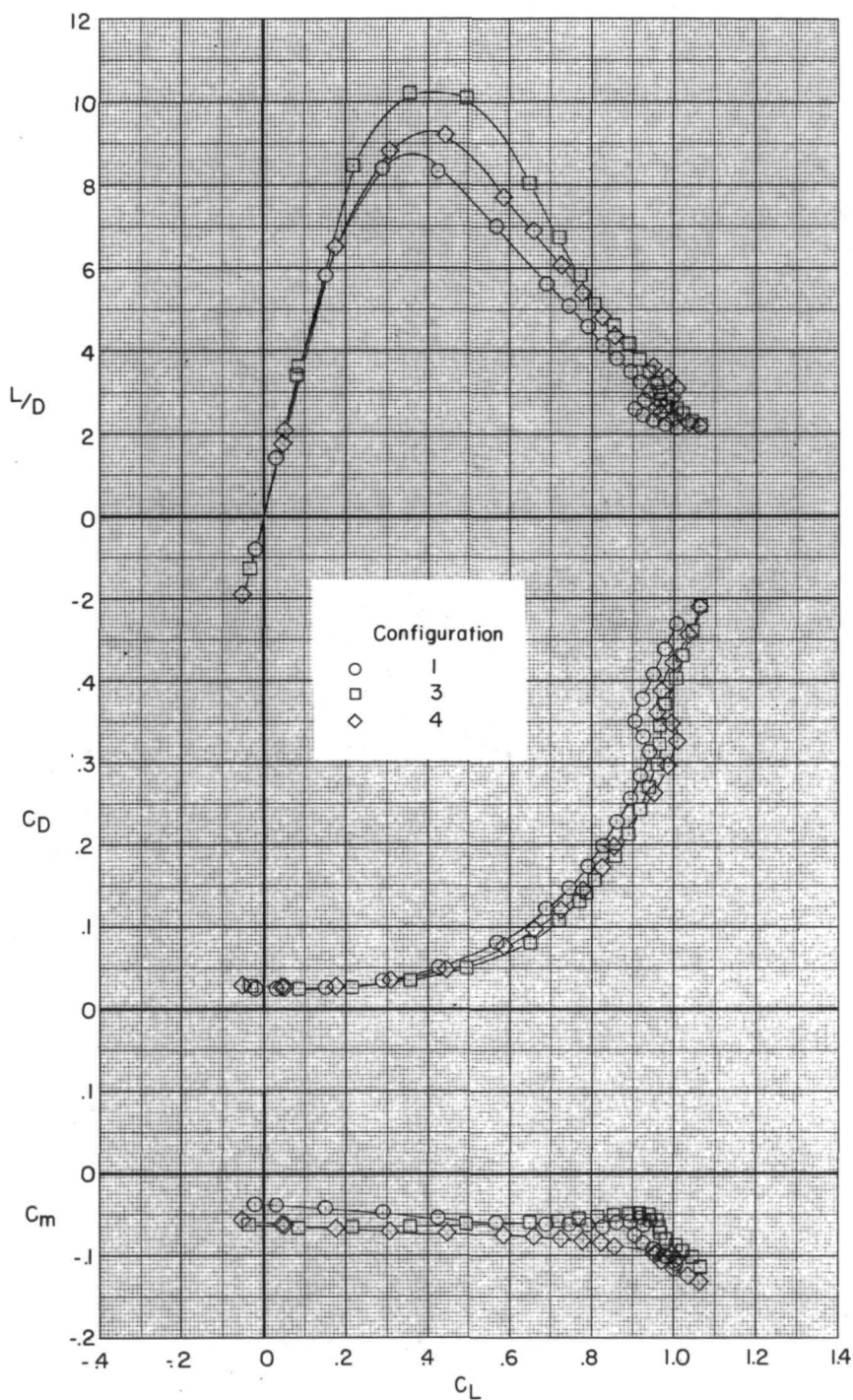
Figure 41.- Continued.



(b) Concluded.

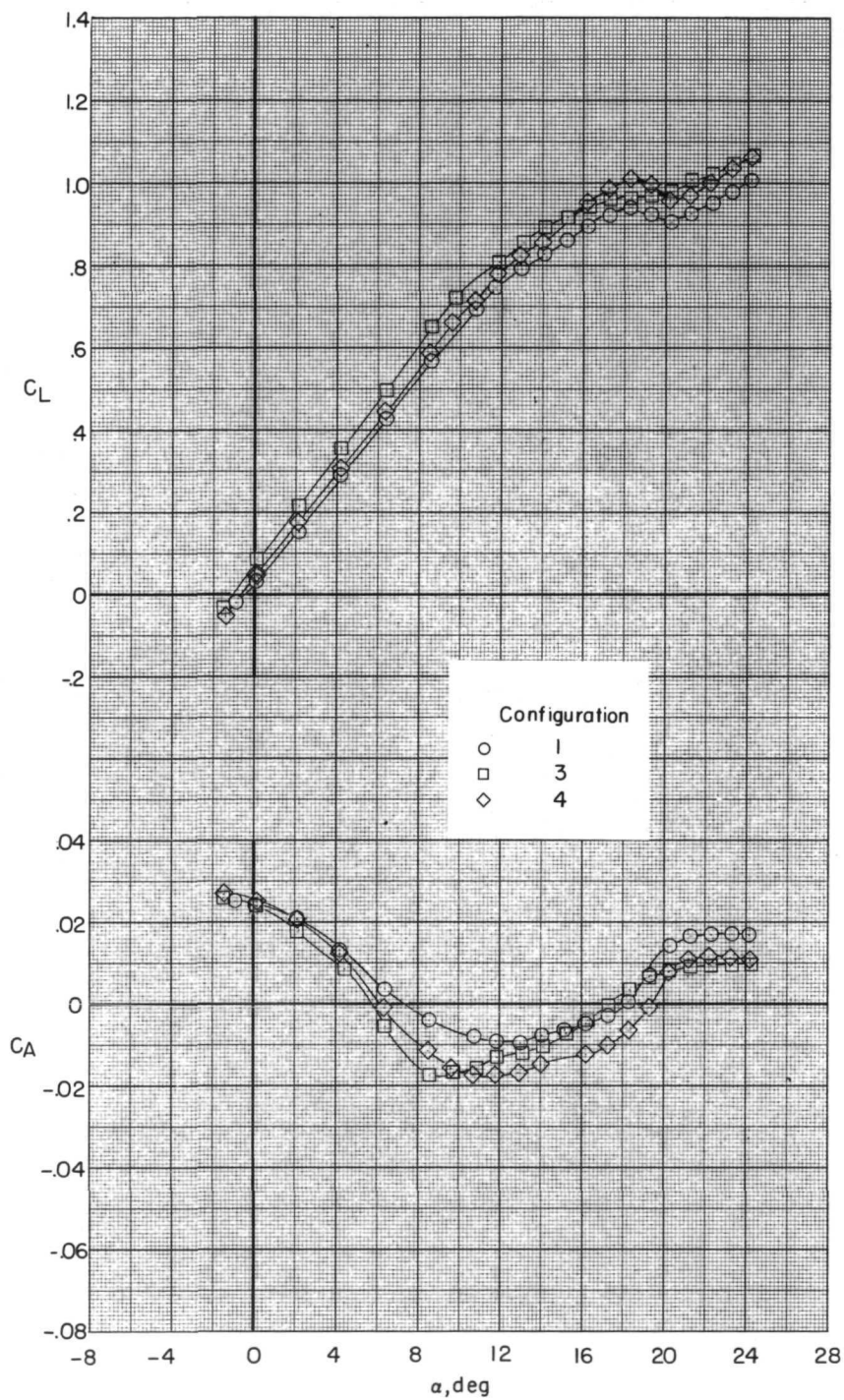
Figure 41.- Concluded.





(a)  $M = 0.60$ .

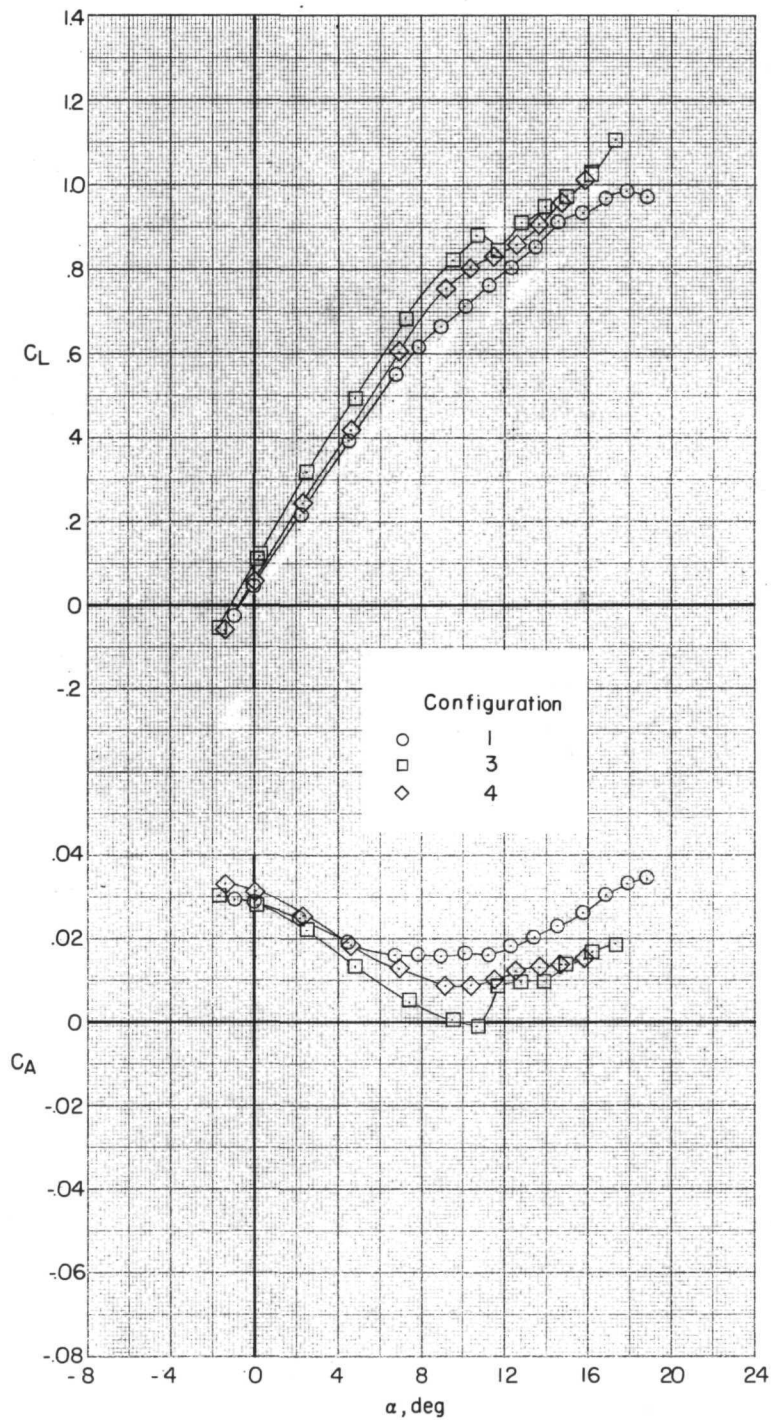
Figure 42.- Comparison of the longitudinal characteristics of configurations 1, 3, and 4.



(a) Concluded.

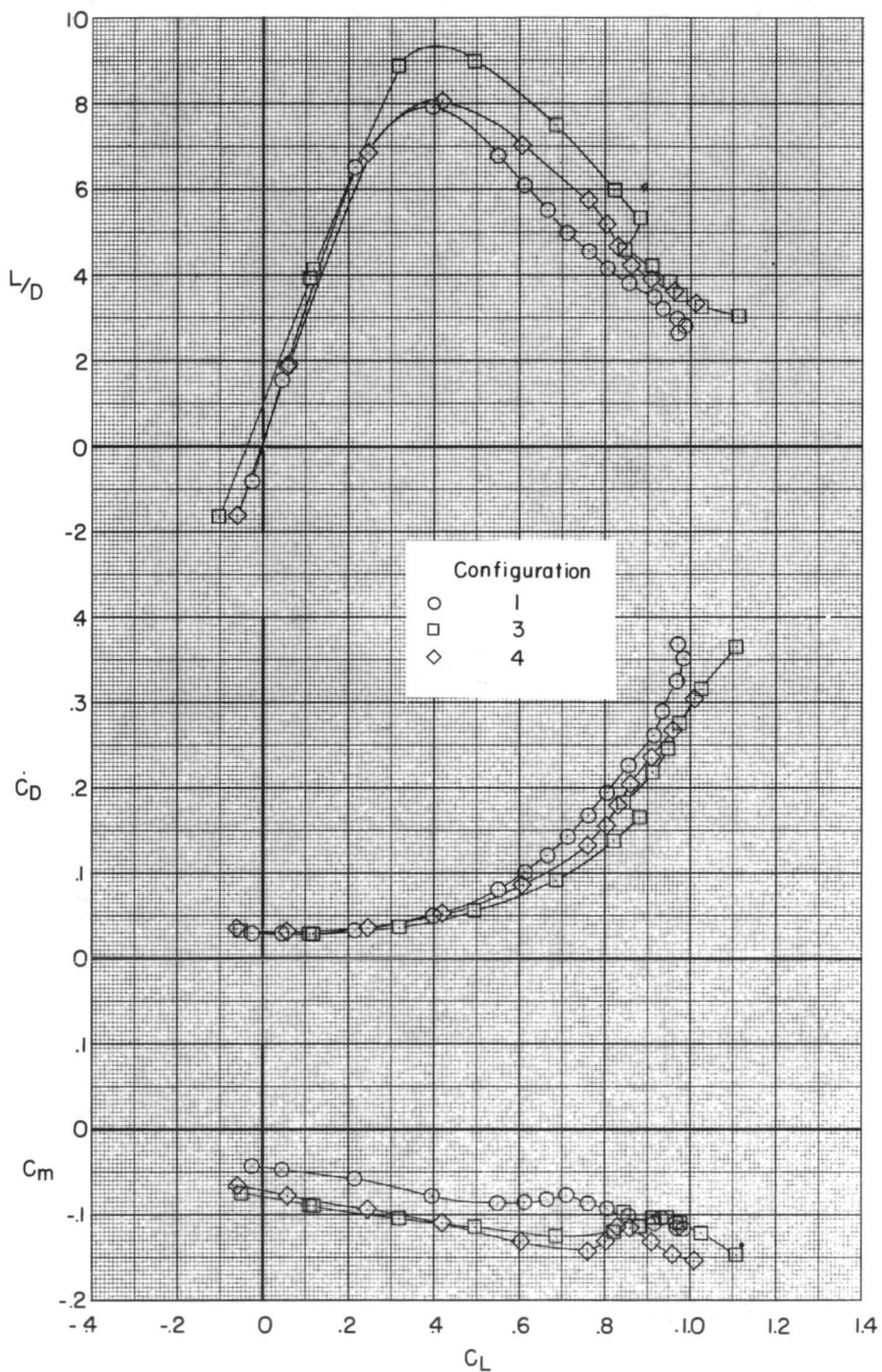
Figure 42.- Continued.





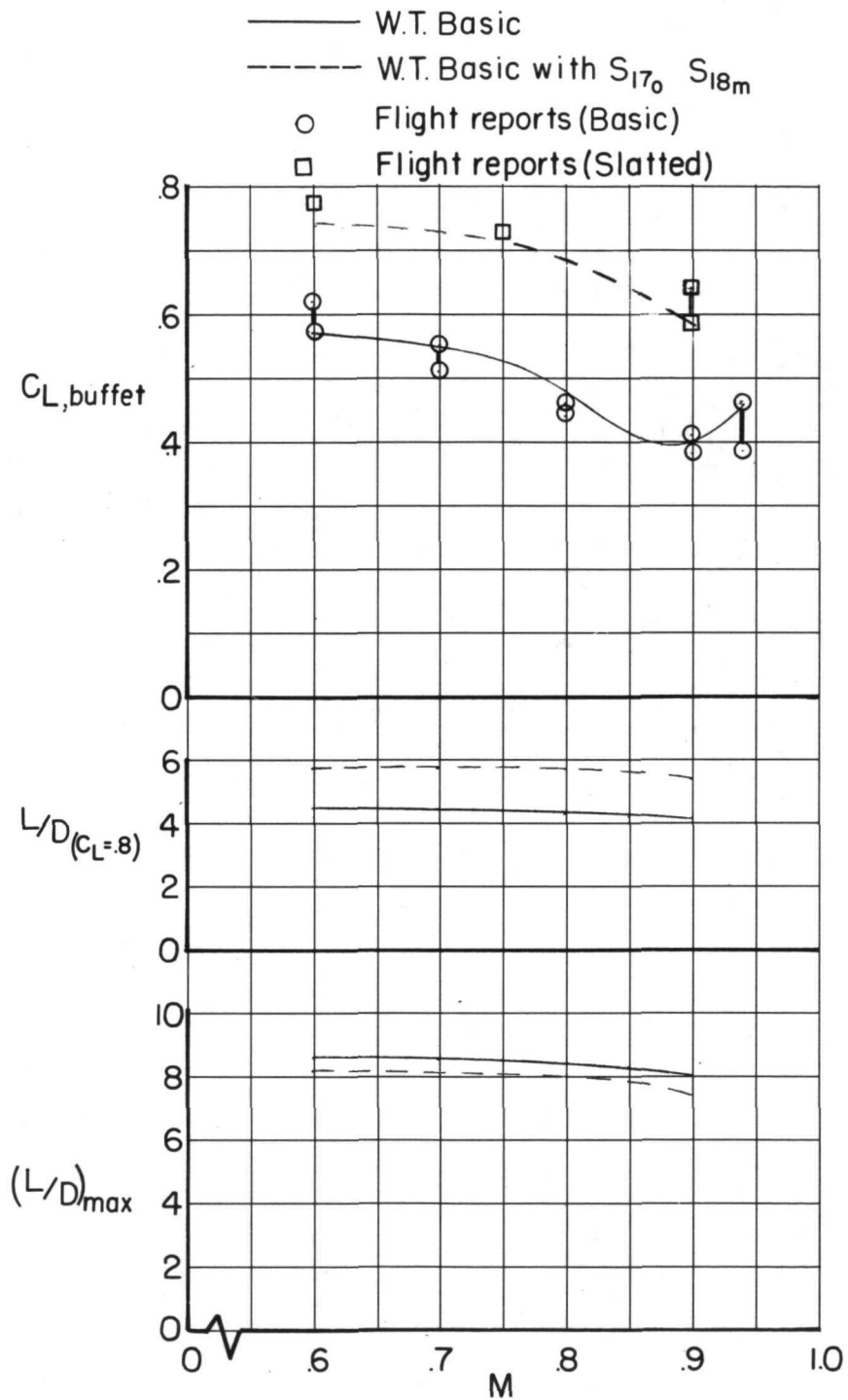
(b)  $M = 0.90$ .

Figure 42.- Continued.



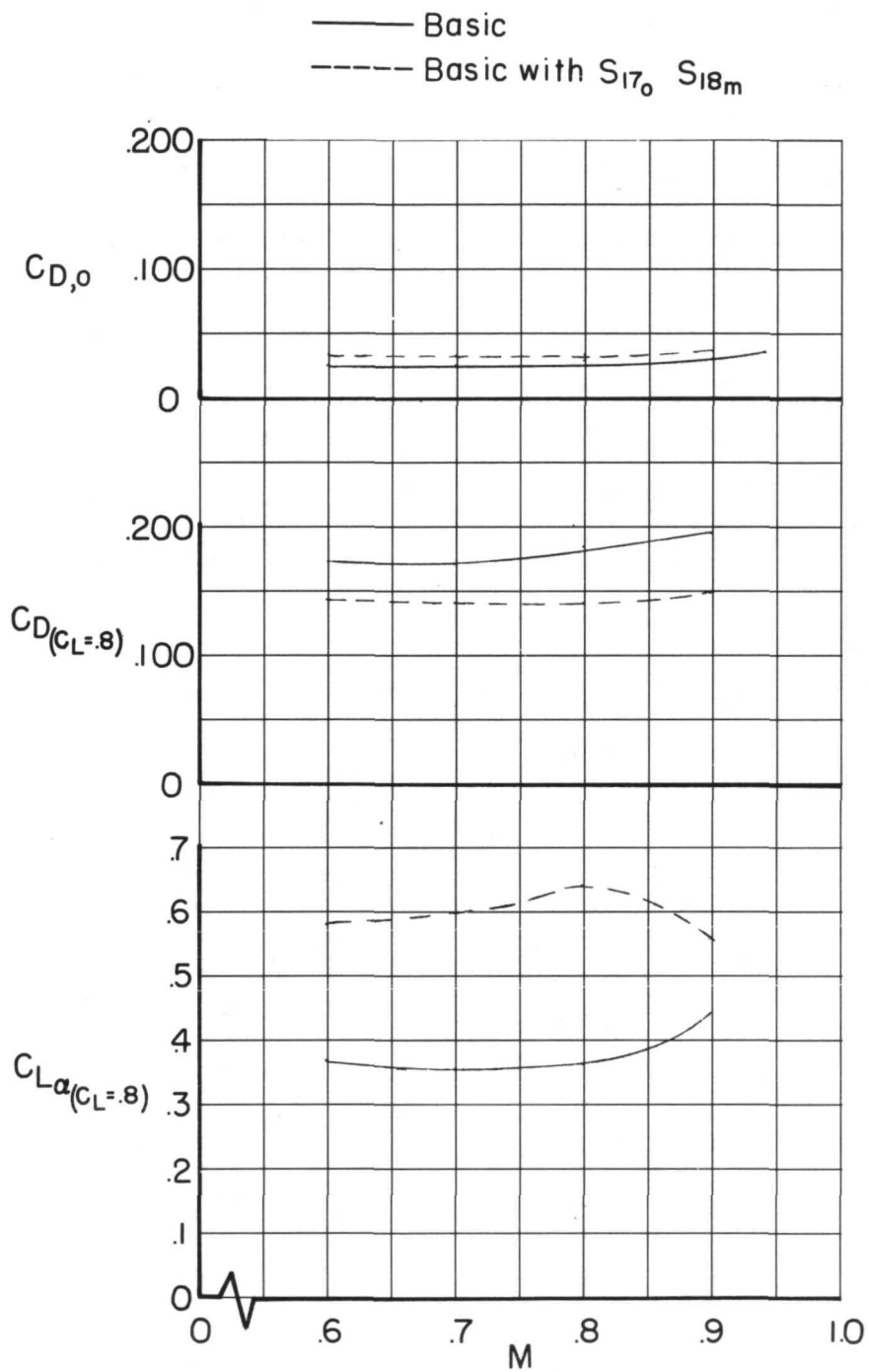
(b) Concluded.

Figure 42.- Concluded.



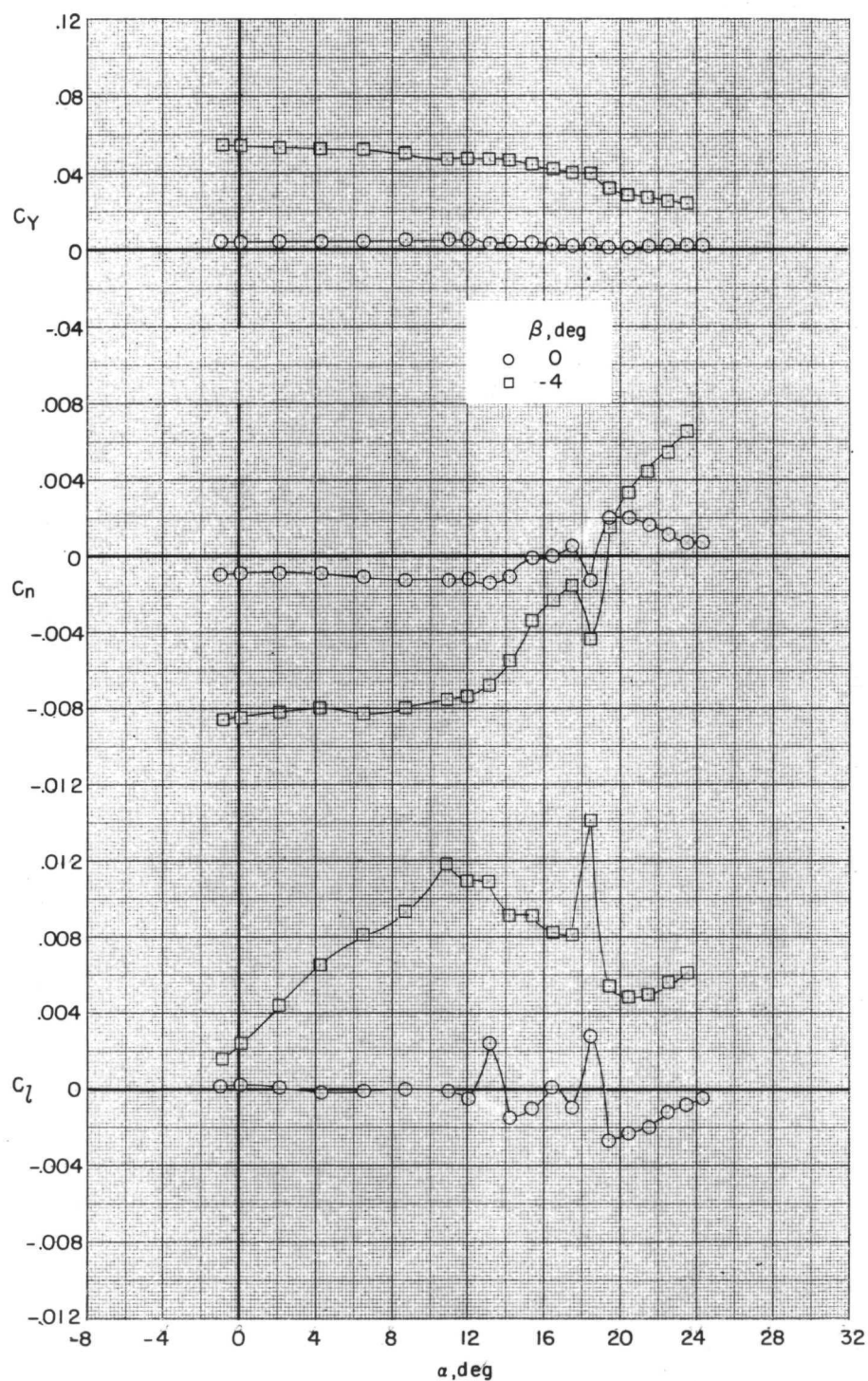
(a) Variation of  $C_{L, buffet}$ ,  $L/D_{(C_L=0.8)}$ , and  $(L/D)_{max}$  with Mach number.

Figure 43.- Effect of  $S_{170}$   $S_{18m}$  slats on buffet and performance characteristics of configuration 1.



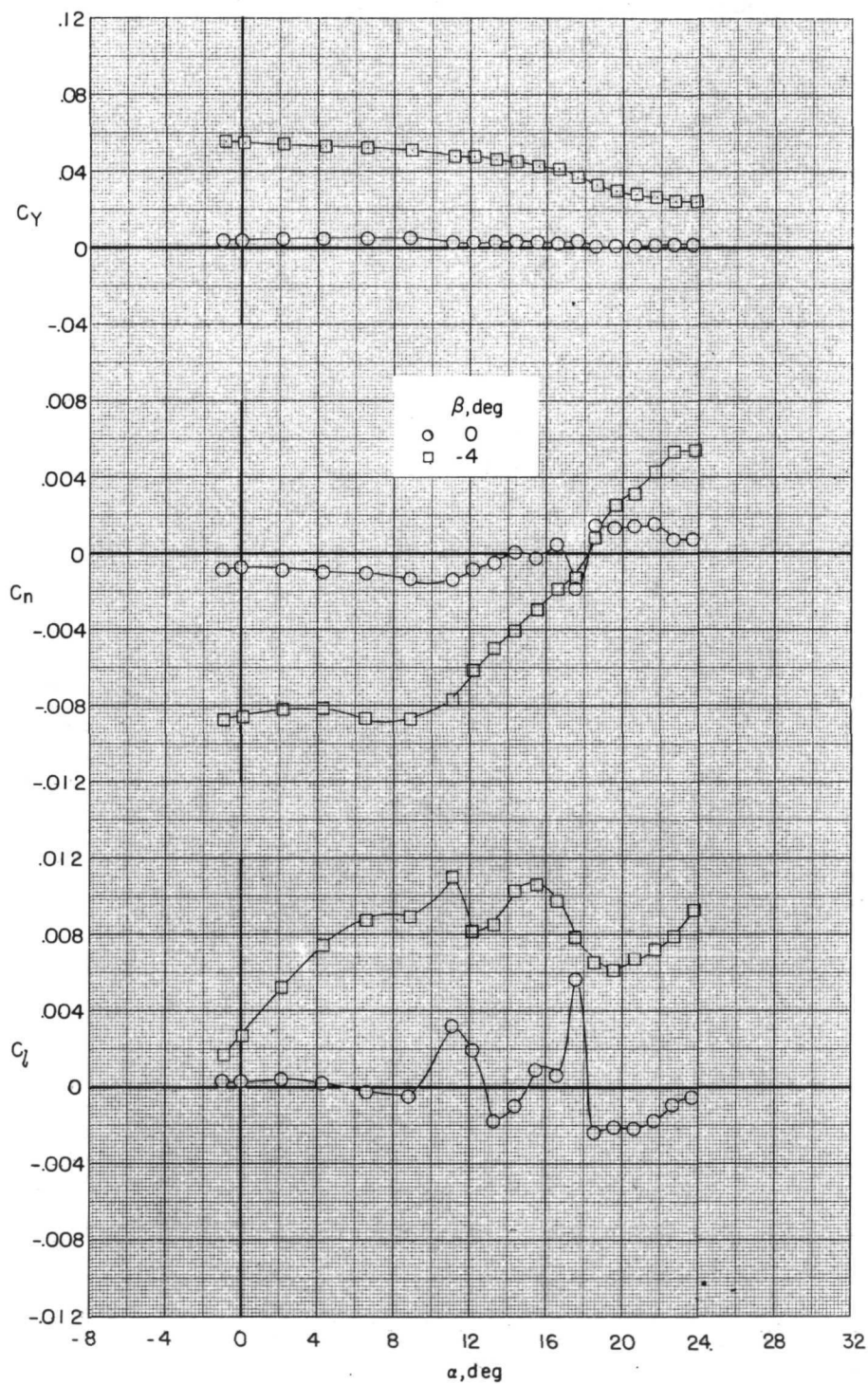
(b) Variation of  $C_{D,0}$ ,  $C_{D(C_L=.8)}$ , and  $C_{L\alpha(C_L=.8)}$  with Mach number.

Figure 43.- Concluded.



(a)  $M = 0.70$ .

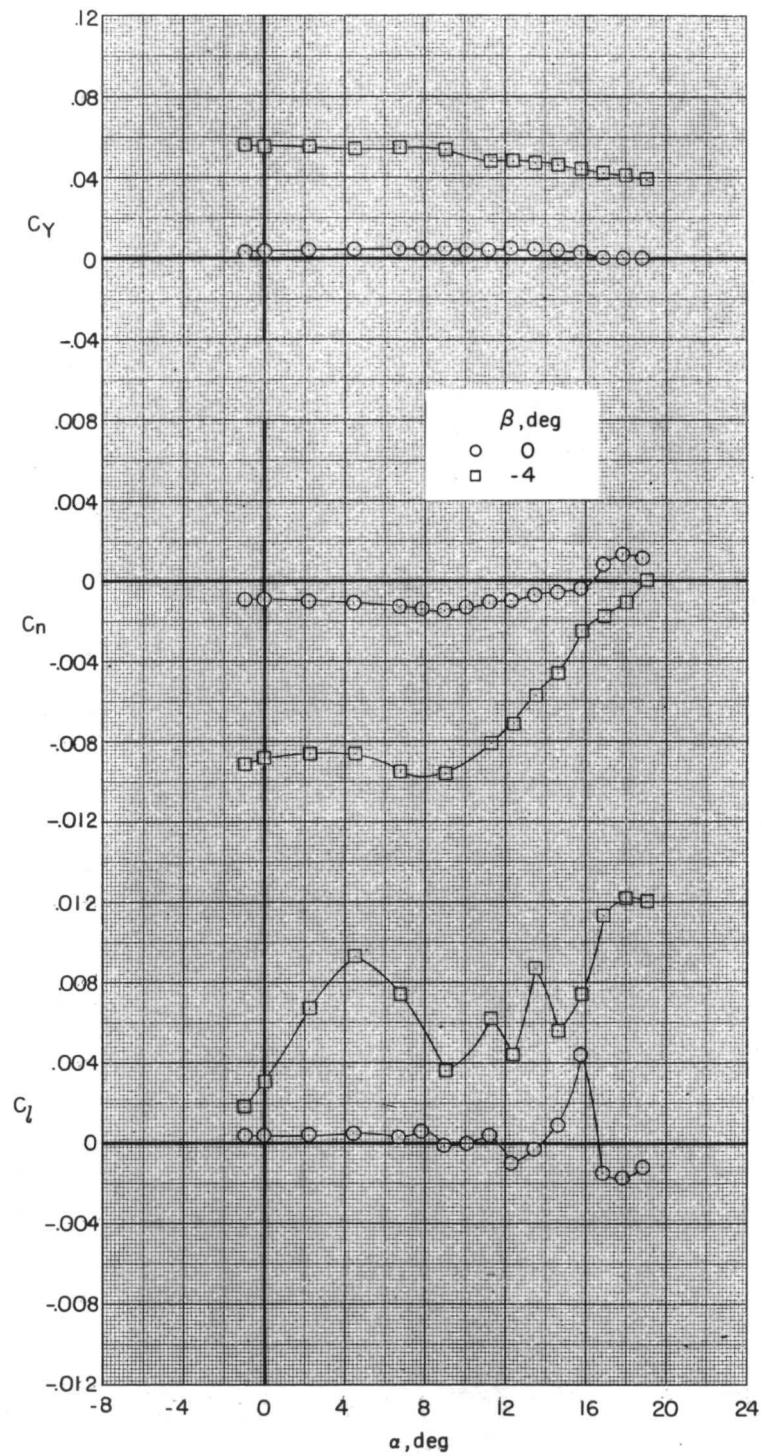
Figure 44.- Effect of sideslip angle on the lateral-directional characteristics of configuration 1.



(b)  $M = 0.80$ .

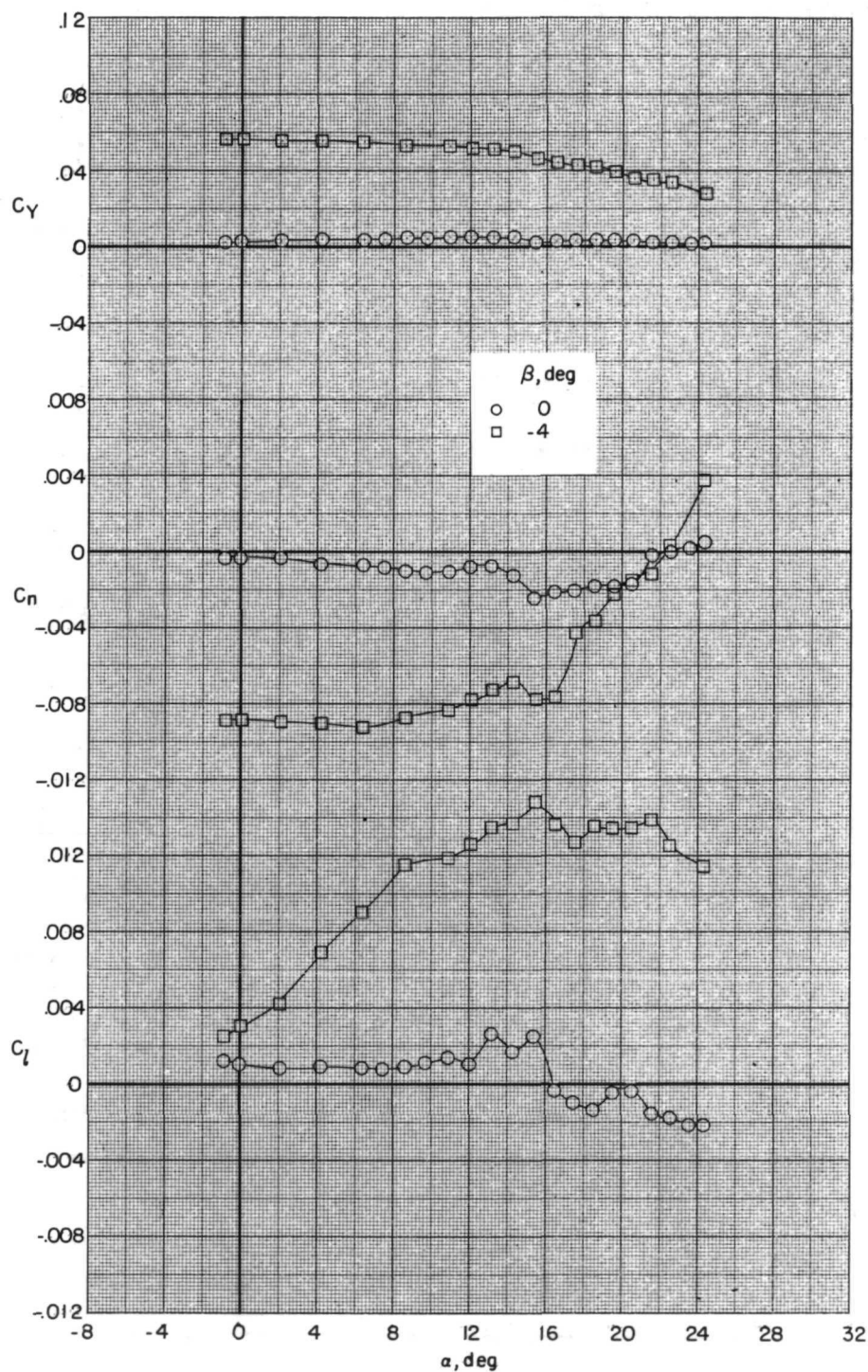
Figure 44.- Continued.





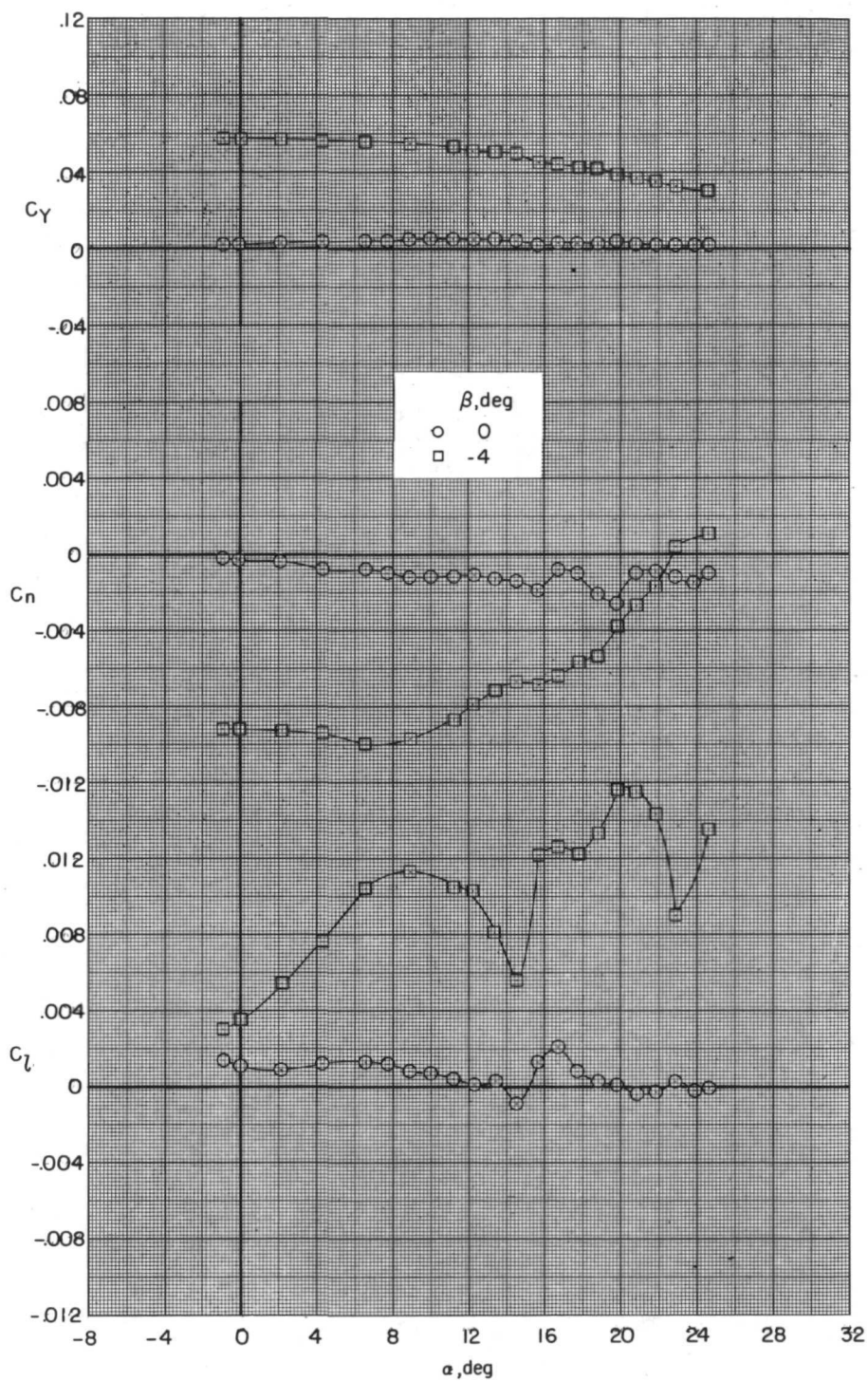
(c)  $M = 0.90$ .

Figure 44.- Concluded.



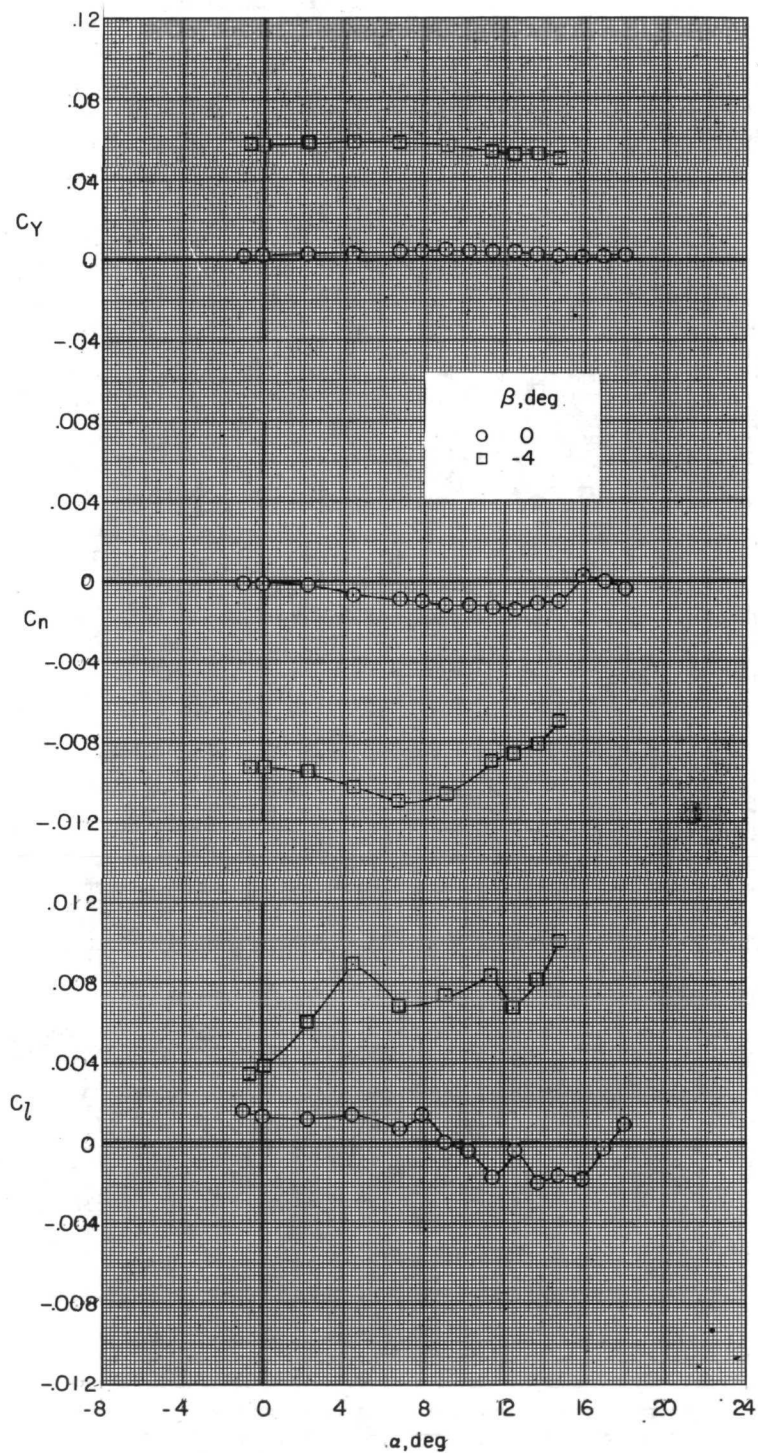
(a)  $M = 0.70$ .

Figure 45.- Effect of sideslip angle on the lateral-directional characteristics of configuration 1 with the  $S_{17_0} S_{18_m}$  slat arrangement.



(b)  $M = 0.80$ .

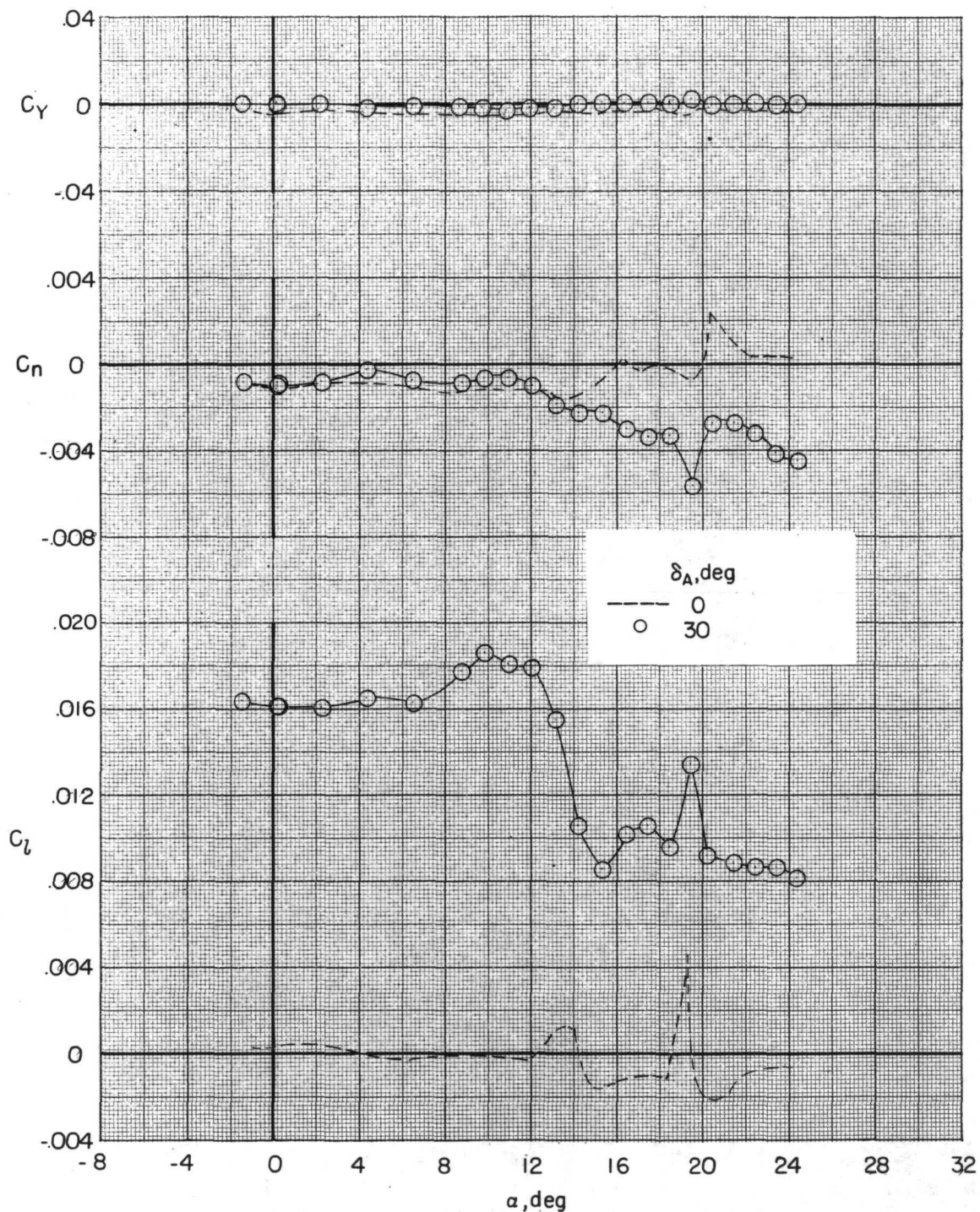
Figure 45.- Continued.



(c)  $M = 0.90$ .

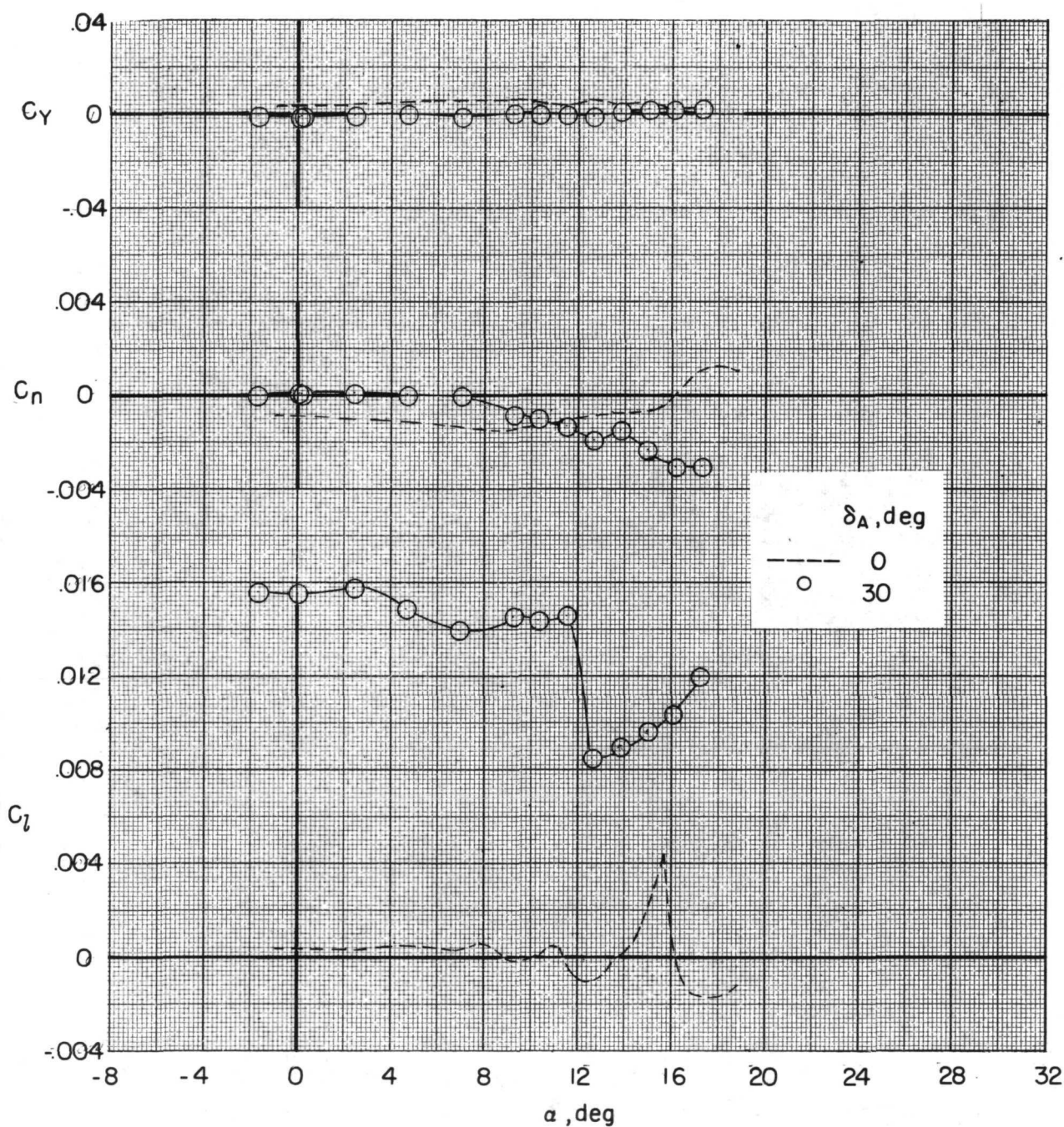
Figure 45.- Concluded.





(a)  $M = 0.60$ .

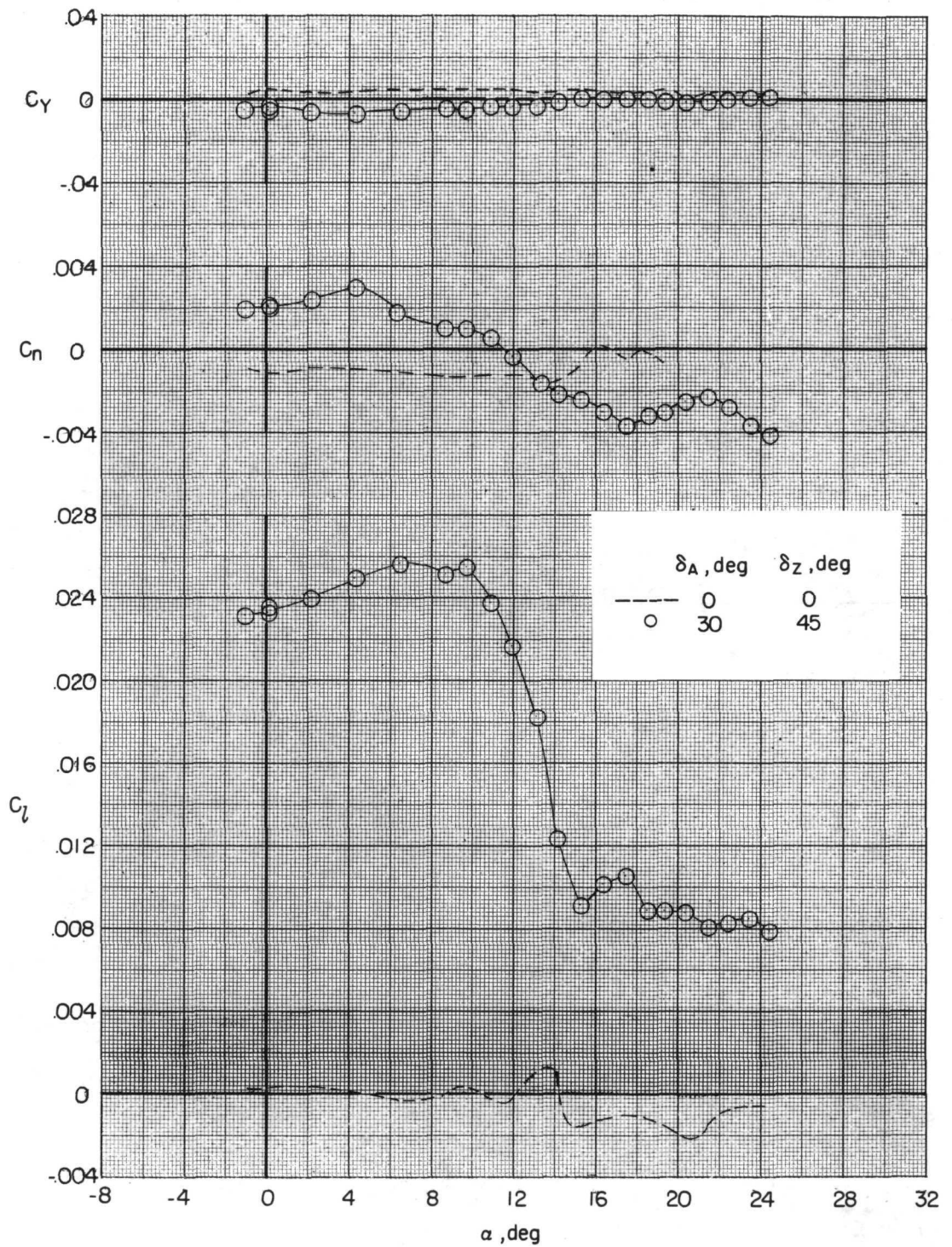
Figure 46.- Effect of aileron deflection on the lateral-directional characteristics of configuration 1.  $\beta \approx 0^\circ$ .



(b)  $M = 0.90$ .

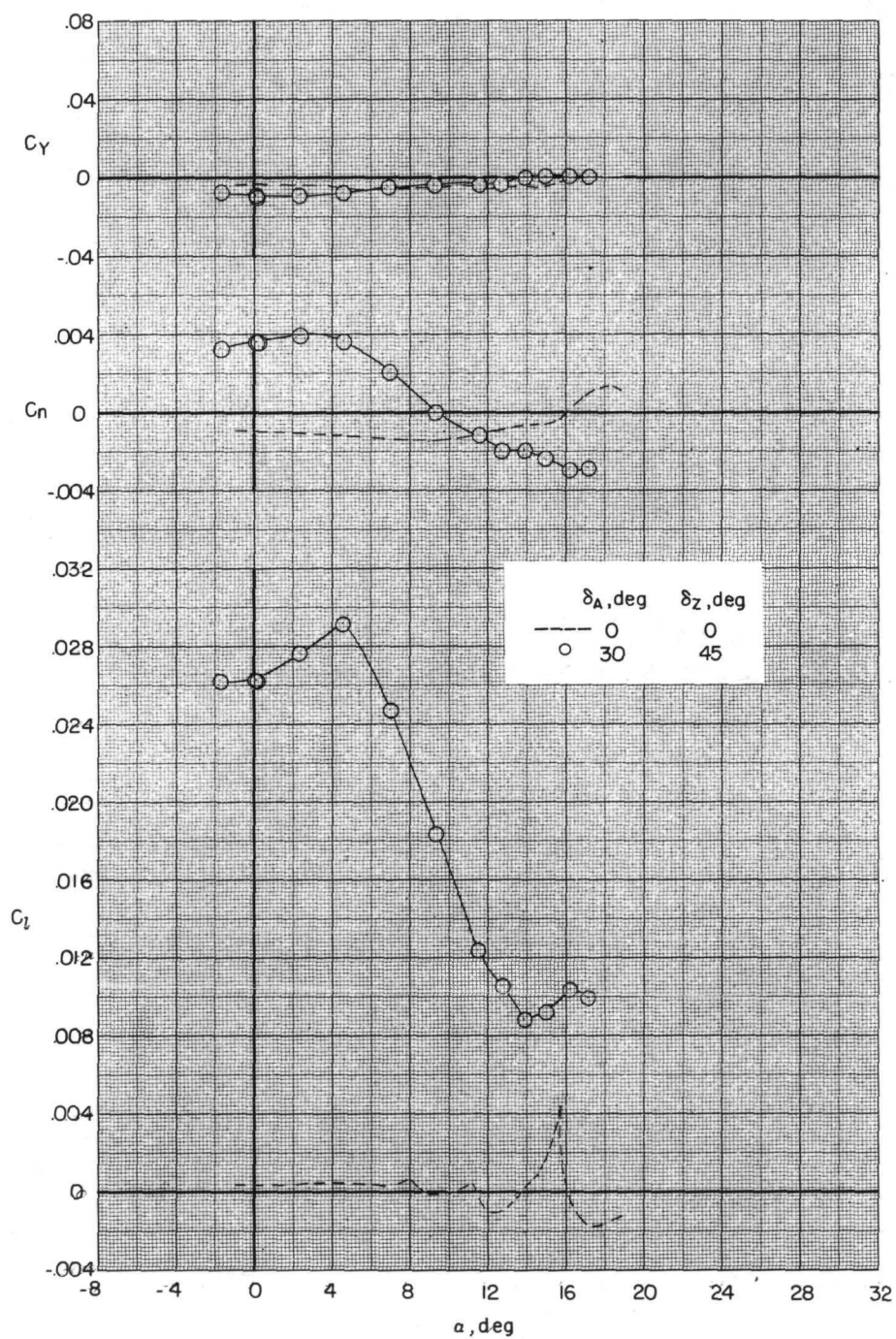
Figure 46.- Concluded.





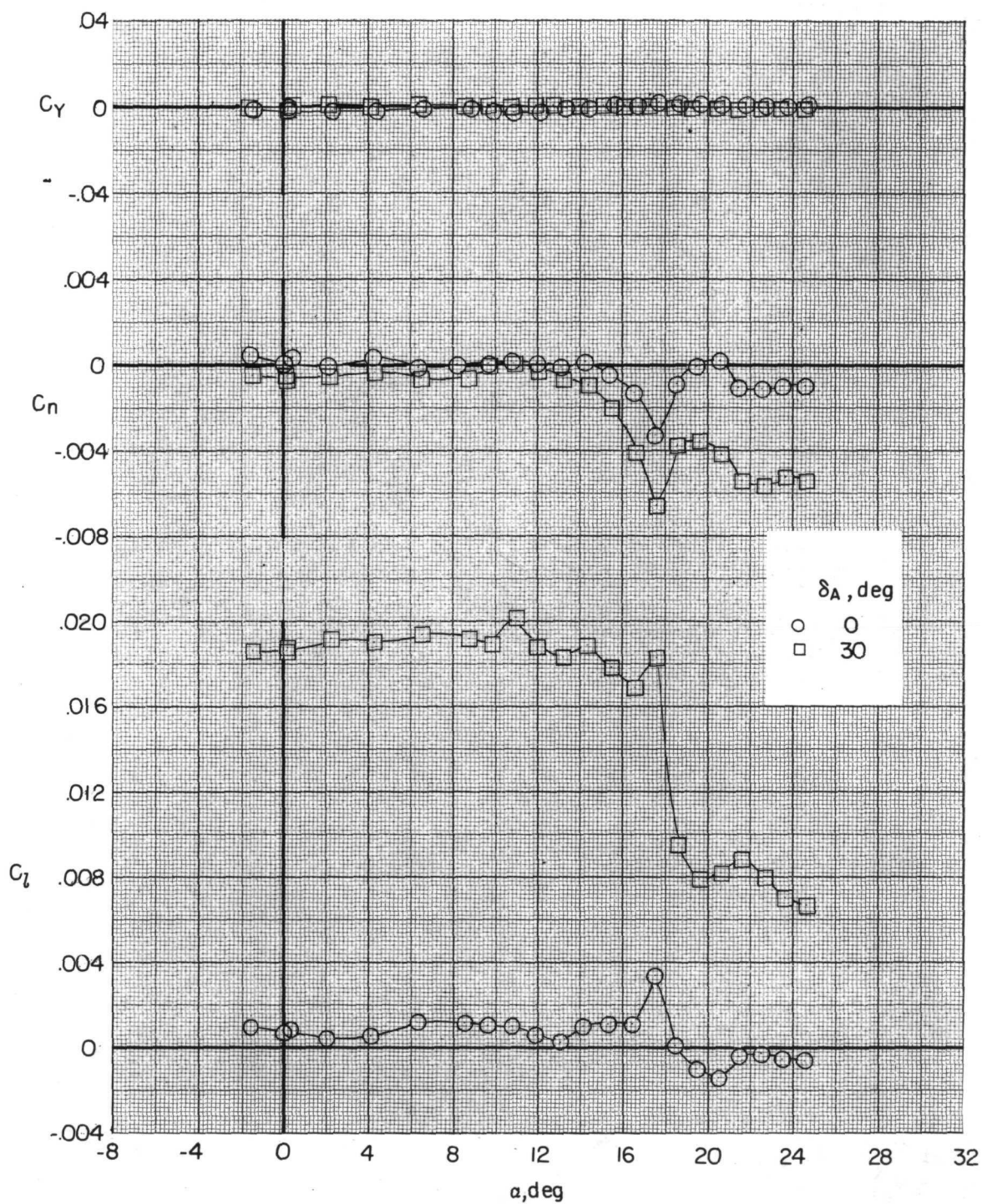
(a)  $M = 0.60$ .

Figure 47.- Effect of aileron and spoiler deflections on the lateral-directional characteristics of configuration 1.  $\beta \approx 0^\circ$ .



(b)  $M = 0.90$ .

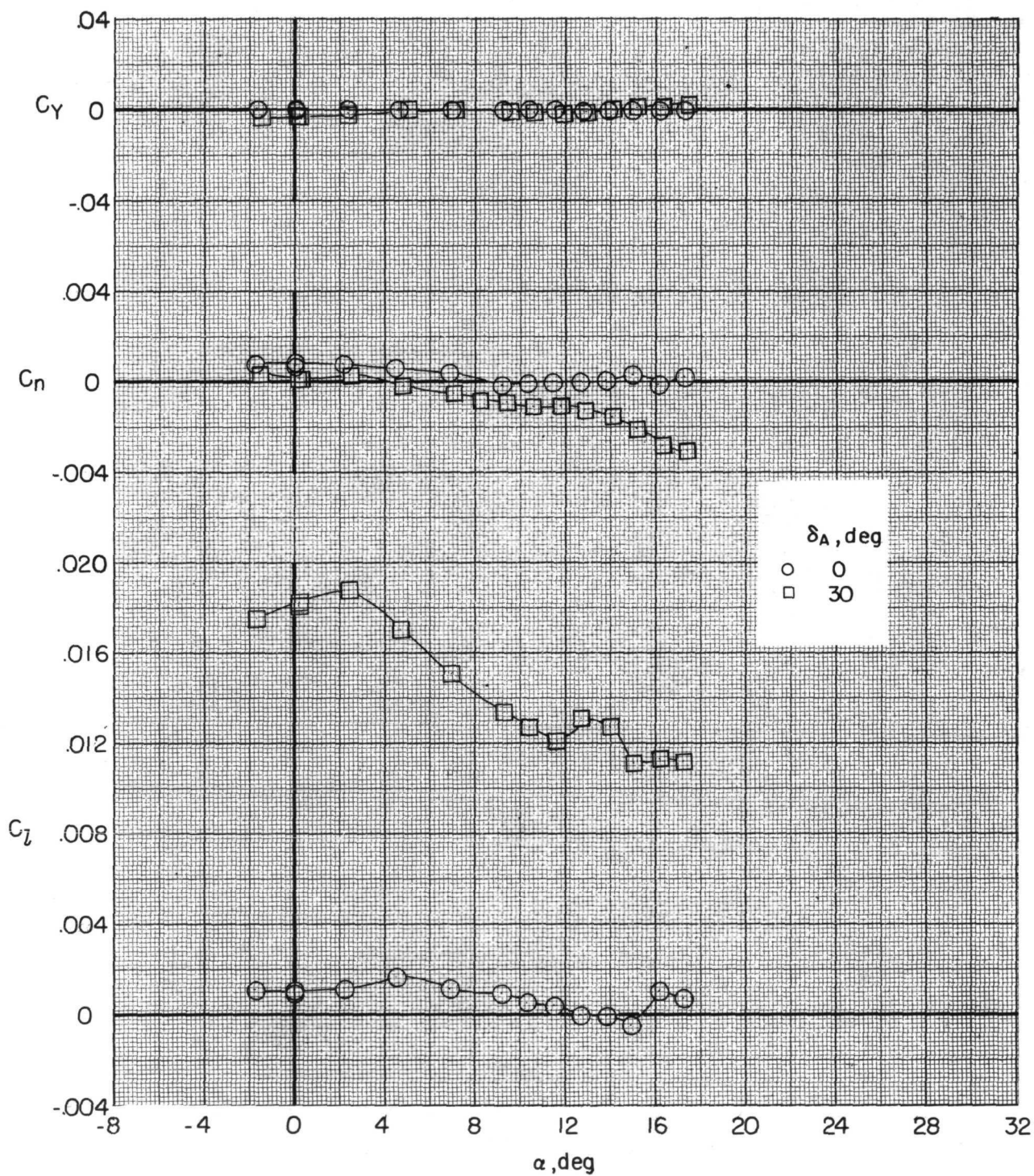
Figure 47.- Concluded.



(a)  $M = 0.60$ .

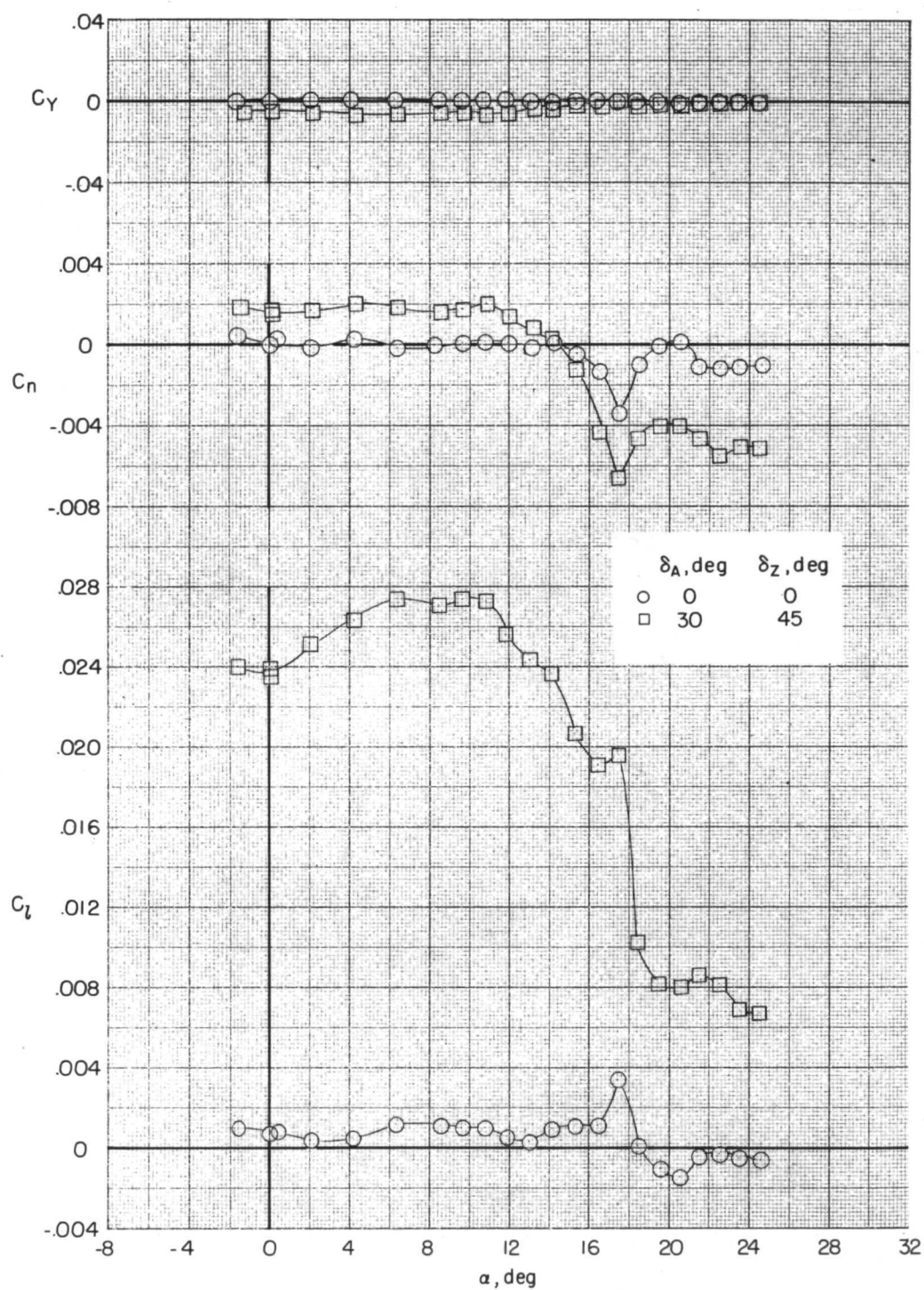
Figure 48.- Effect of aileron deflection on the lateral-directional characteristics of configuration 1 with the  $S_{17_0} S_{18_m}$  slat arrangement.  $\beta \approx 0^\circ$ .





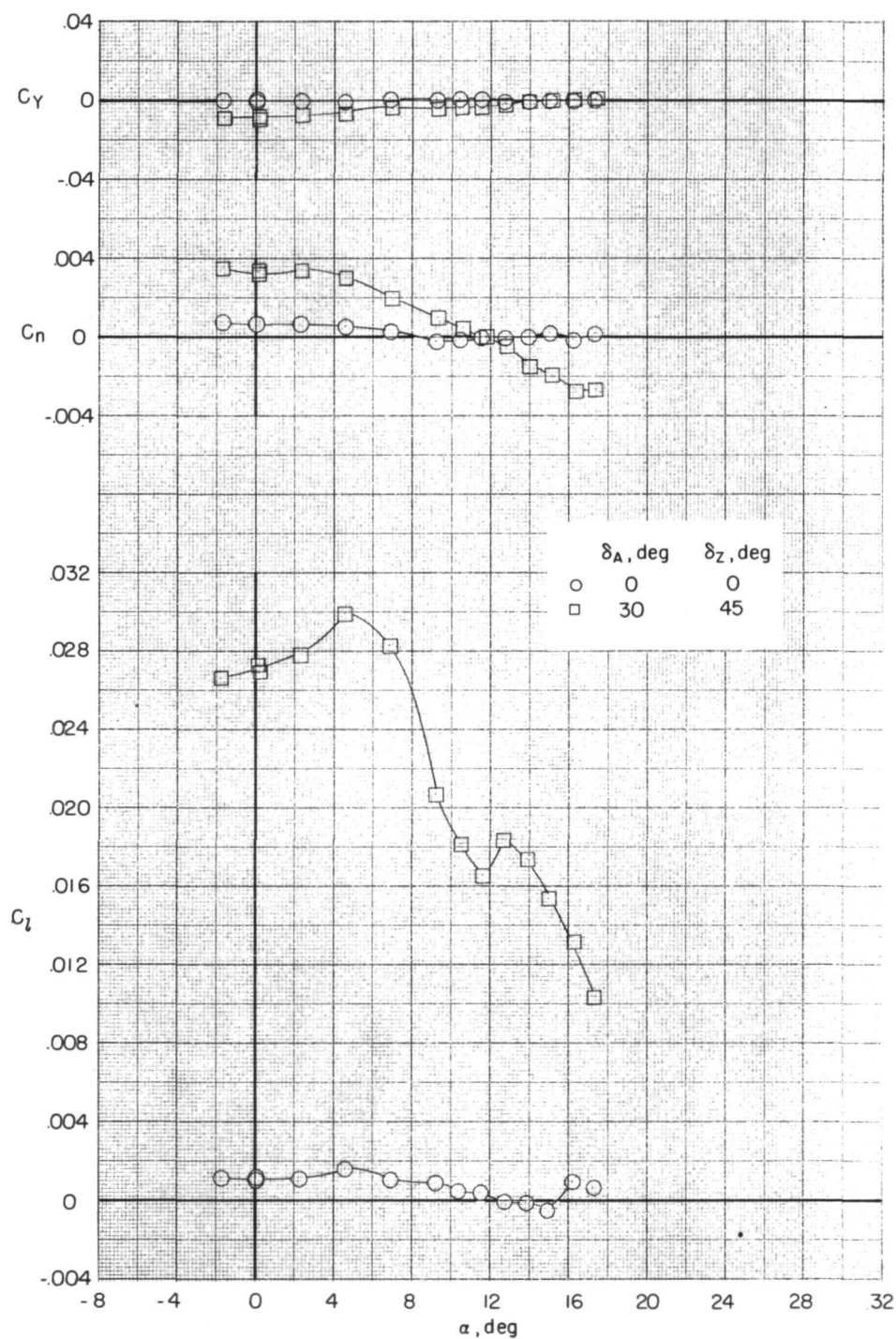
(b)  $M = 0.90$ .

Figure 48.- Concluded.



(a)  $M = 0.60$ .

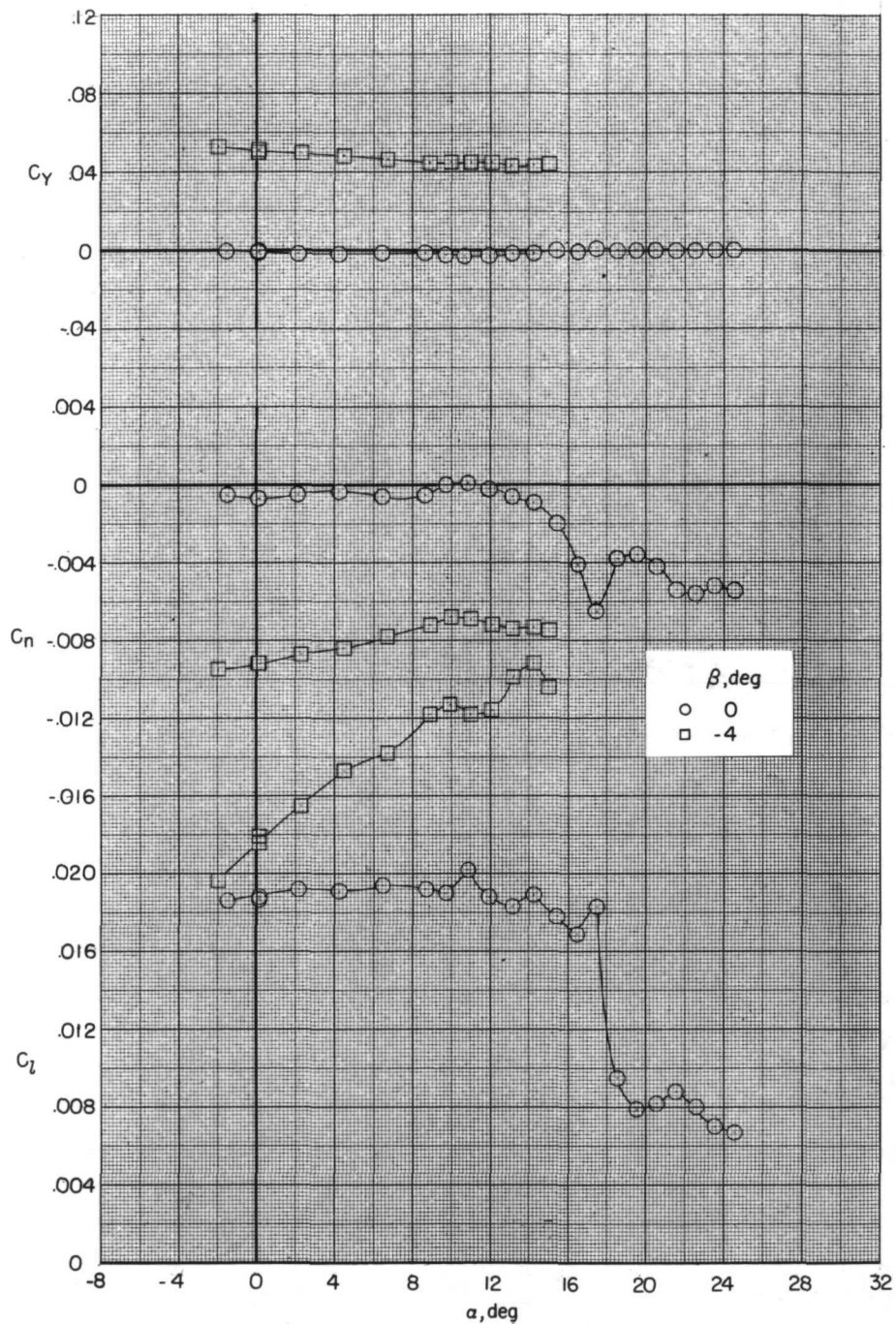
Figure 49.- Effect of aileron and spoiler deflection on the lateral-directional characteristics of configuration 1 with the  $S_{17_0} S_{18_m}$  slat arrangement.  $\beta \approx 0^\circ$ .



(b)  $M = 0.90$ .

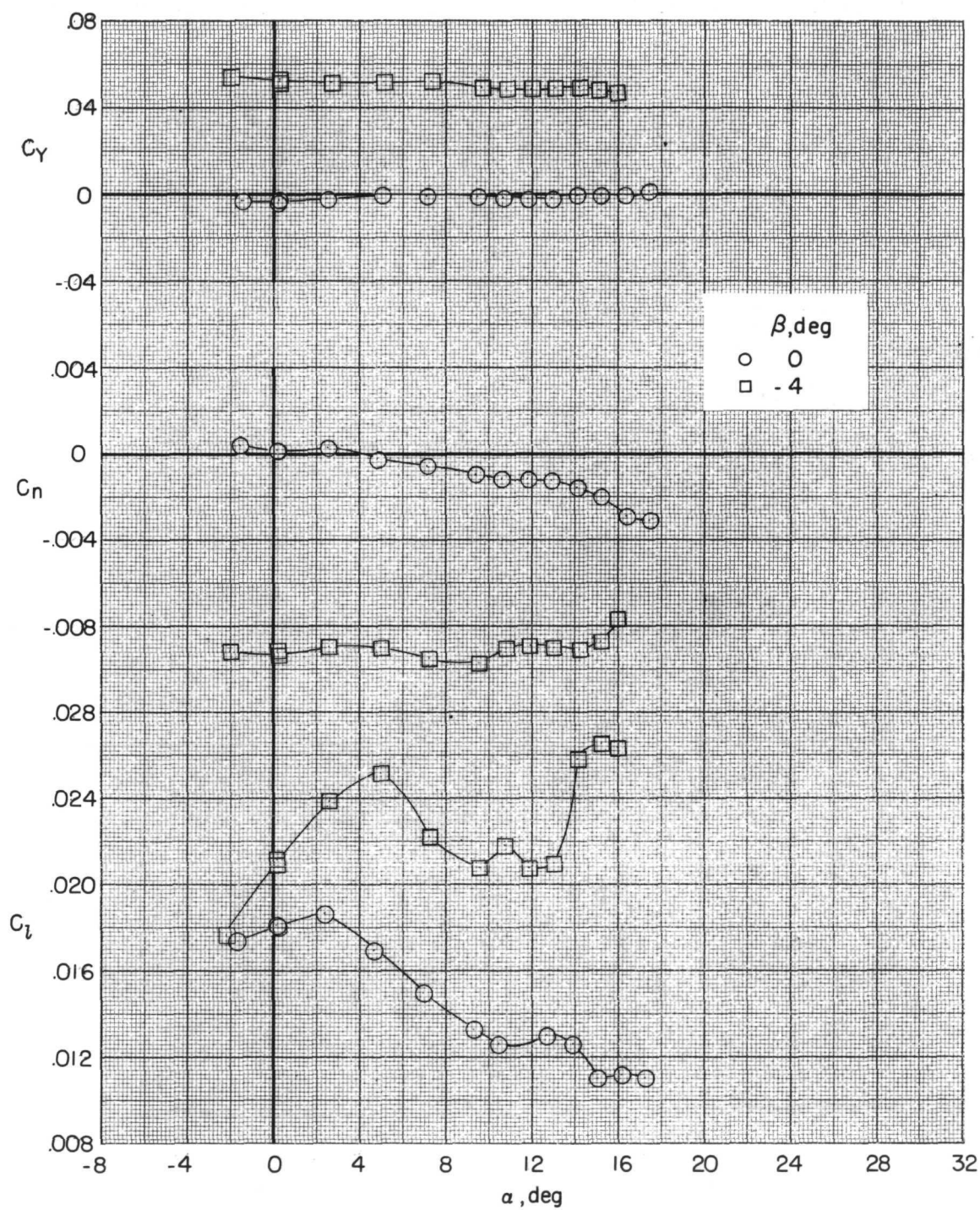
Figure 49.- Concluded.





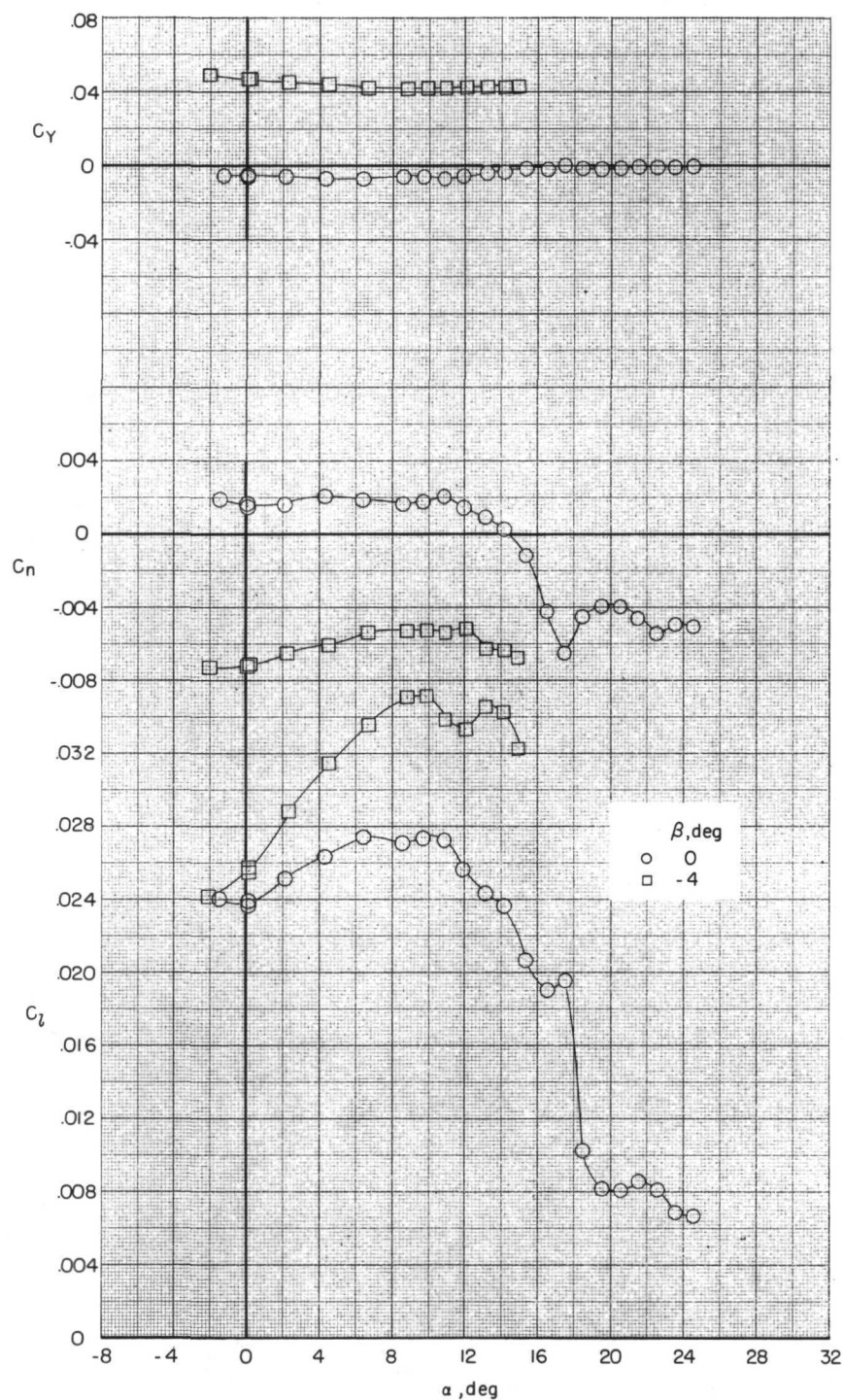
(a)  $M = 0.60$ .

Figure 50.- Effect of sideslip angle on the lateral-directional characteristics of configuration 1 with the  $S_{17_0}S_{18_m}$  slat arrangement and aileron deflected  $30^\circ$ .



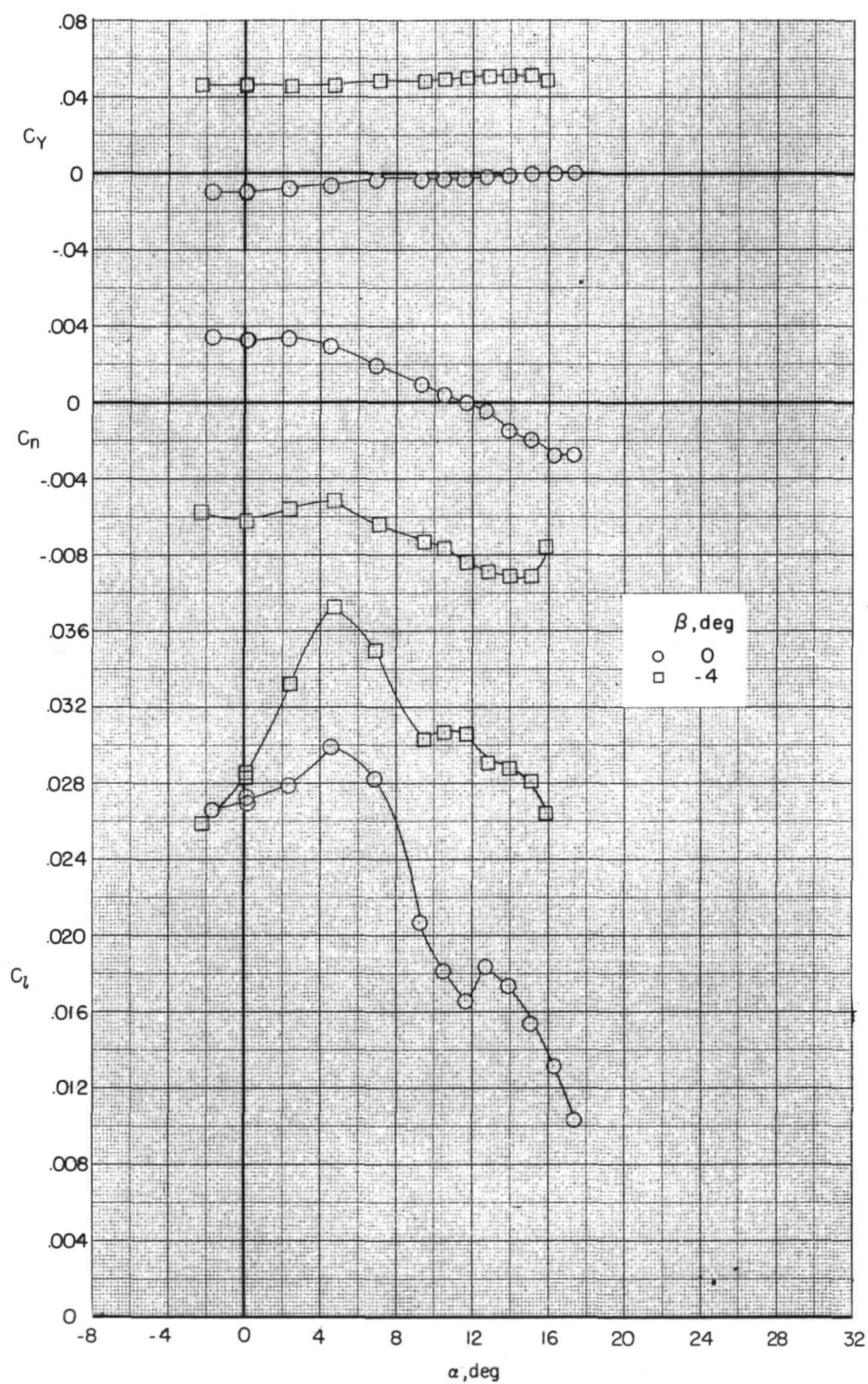
(b)  $M = 0.90$ .

Figure 50.- Concluded.



(a)  $M = 0.60$ .

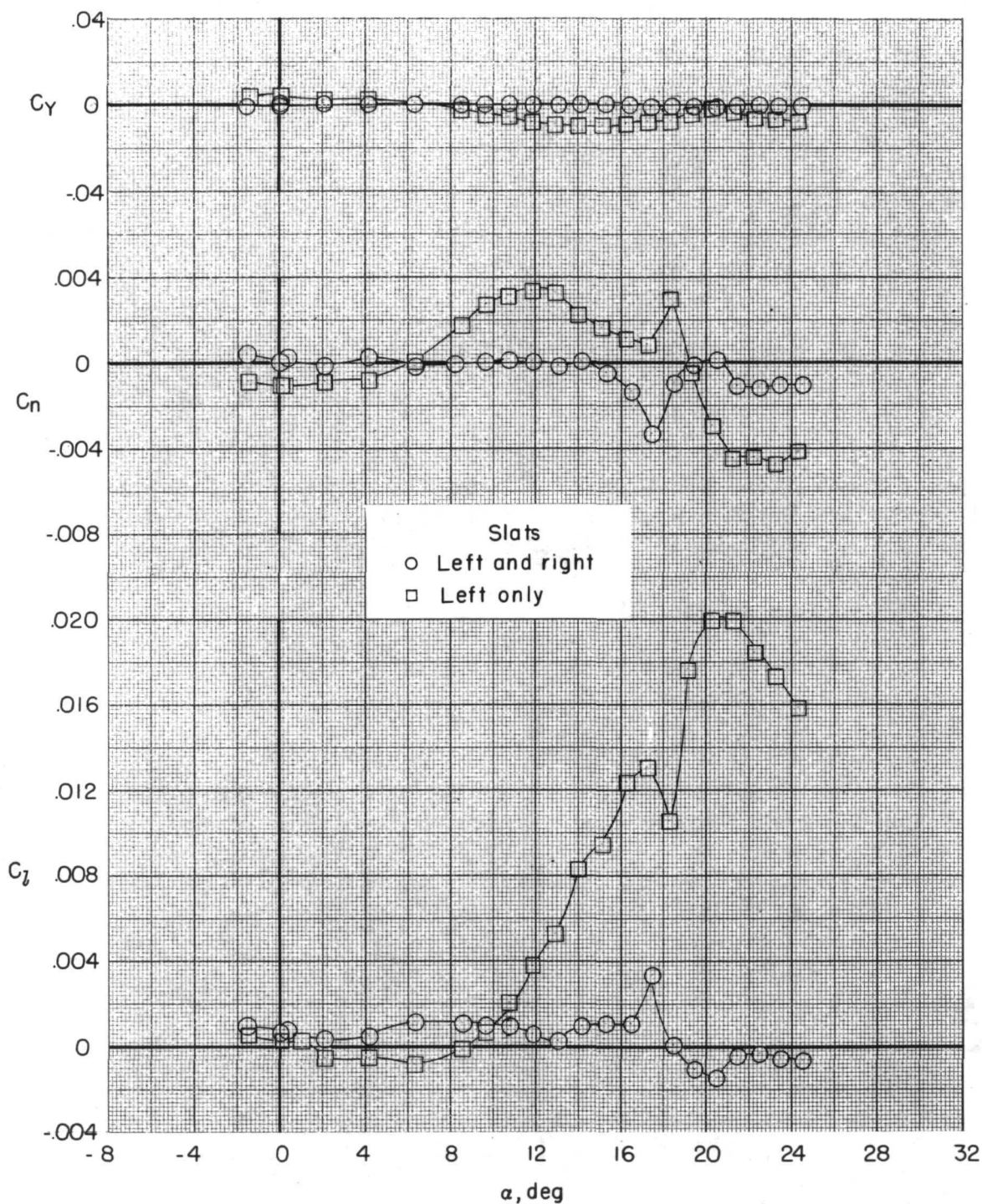
Figure 51.- Effect of sideslip angle on the lateral-directional characteristics of configuration 1 with the  $S_{17}S_{18m}$  slat arrangement, aileron deflected  $30^\circ$ , and spoiler deflected  $45^\circ$ .



(b)  $M = 0.90$ .

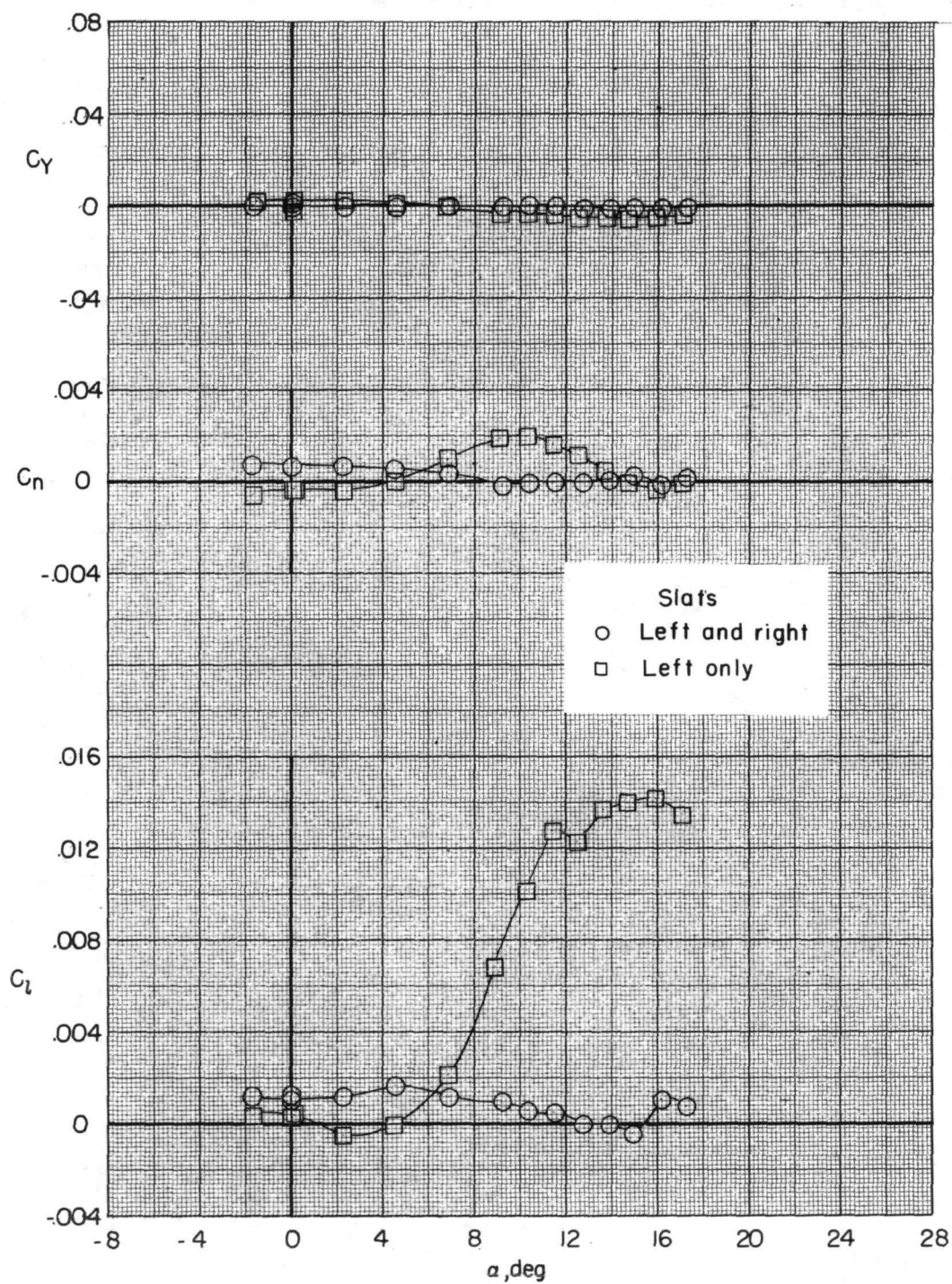
Figure 51.- Concluded.





(a)  $M = 0.60$ .

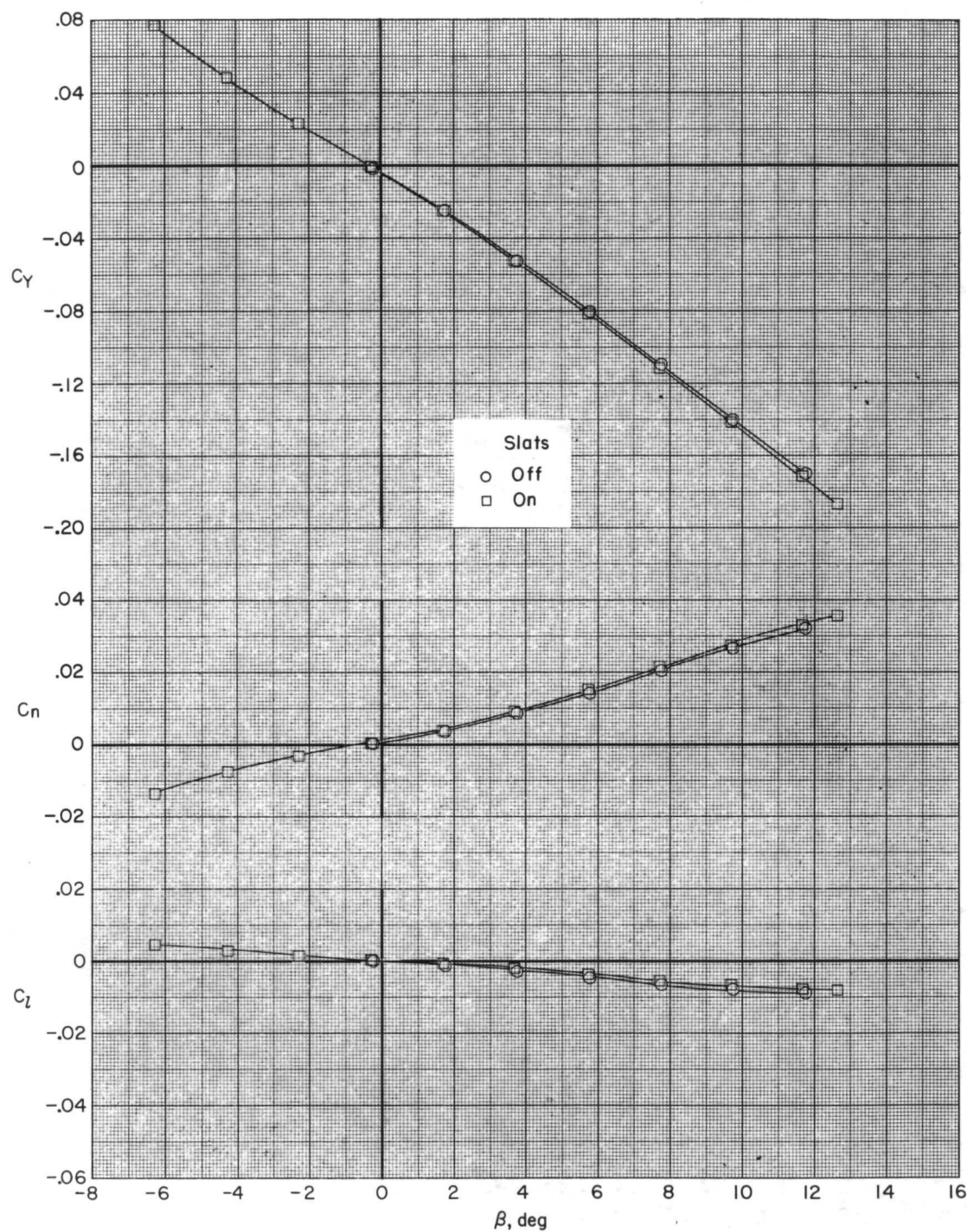
Figure 52.- Effect of retracting the right wing slats on the lateral-directional characteristics of configuration 1 with the  $S_{17_0}S_{18_m}$  slat arrangement.  $\beta \approx 0^\circ$ .



(b)  $M = 0.90$ .

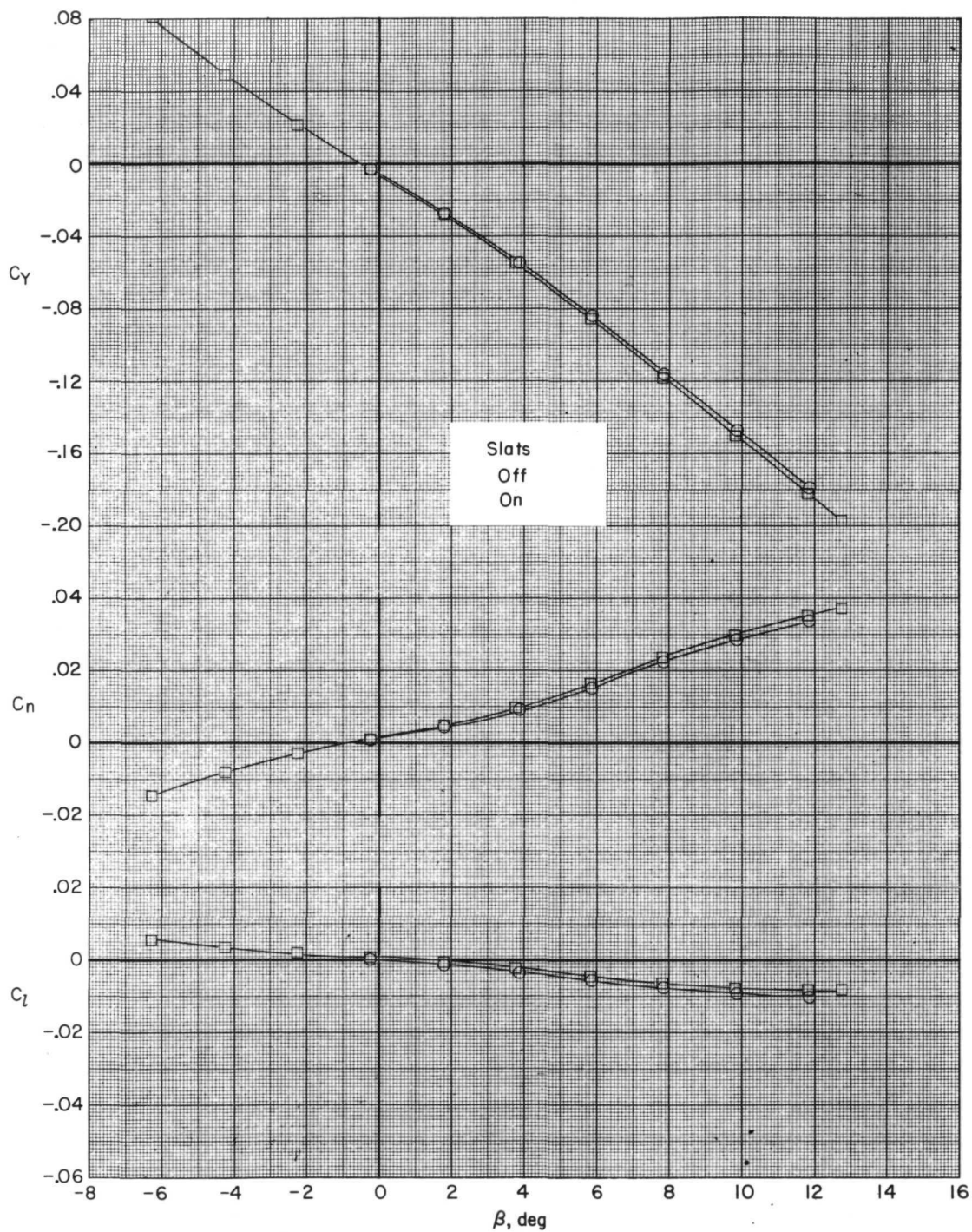
Figure 52.- Concluded.





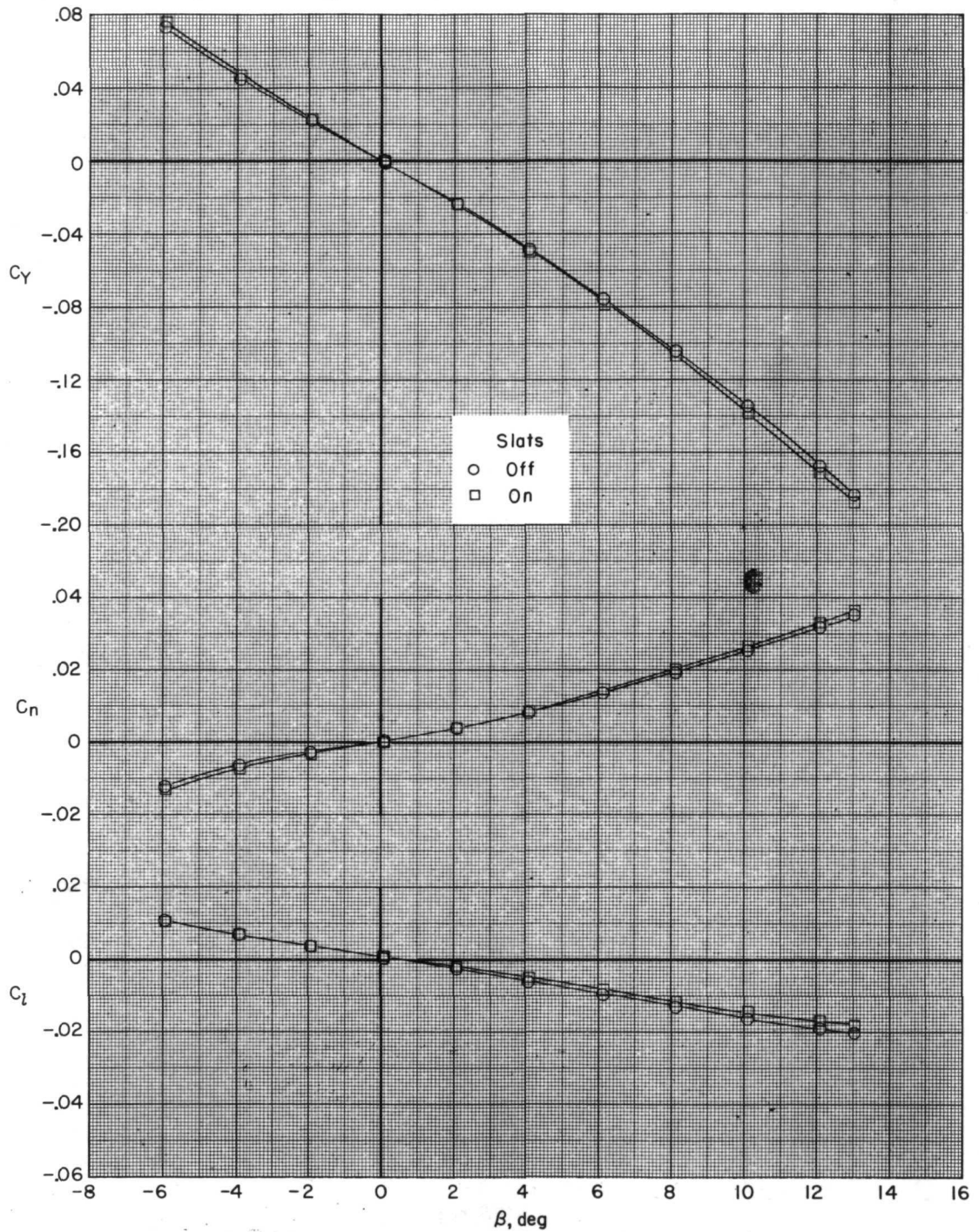
(a)  $M = 0.60$ .

Figure 53.- Effect of  $S_{17} S_{18m}$  slat arrangement on the lateral-directional characteristics of configuration 1 at  $\alpha \approx 0.4^\circ$ .



(b)  $M = 0.90$ .

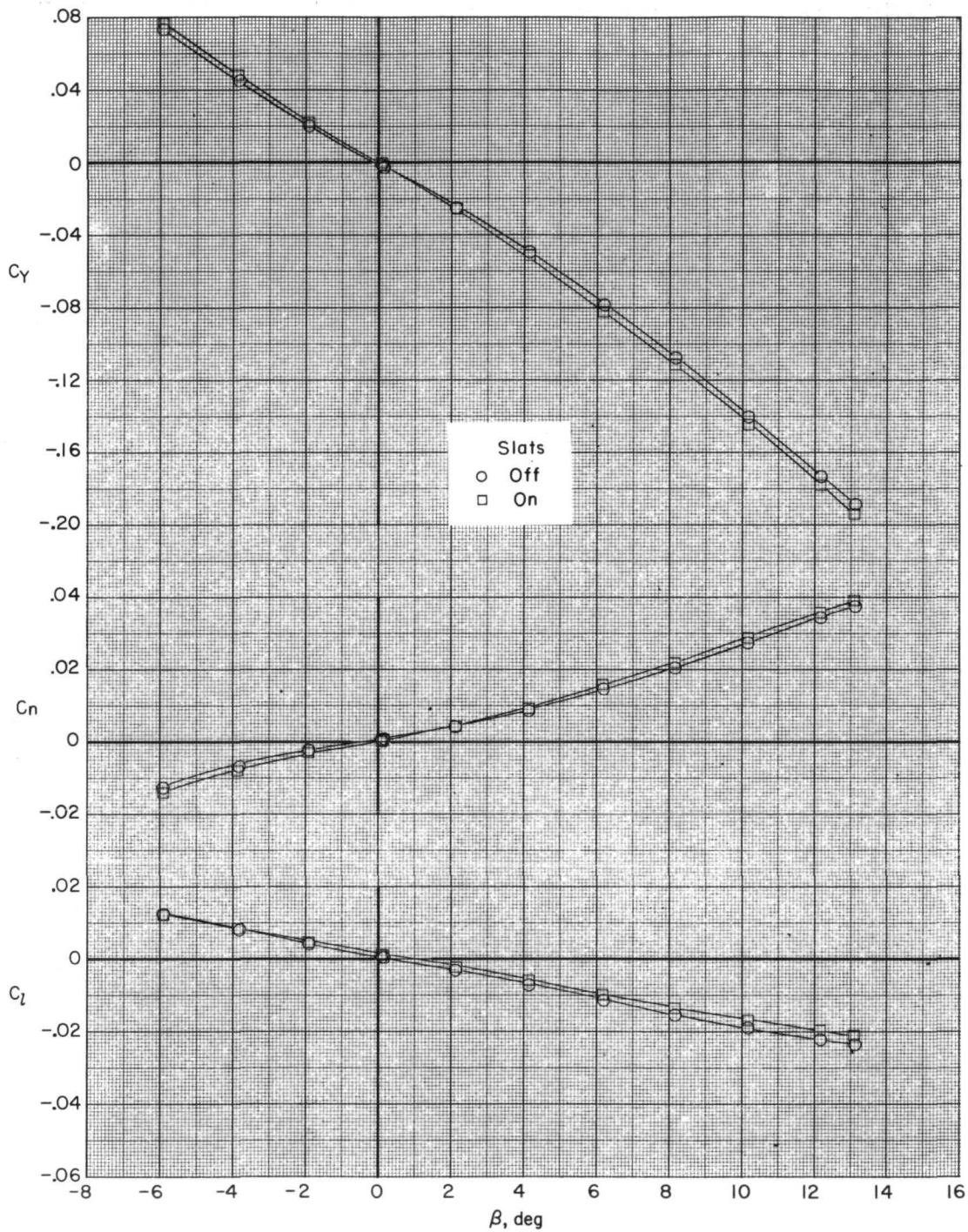
Figure 53.- Concluded.



(a)  $M = 0.60$ .

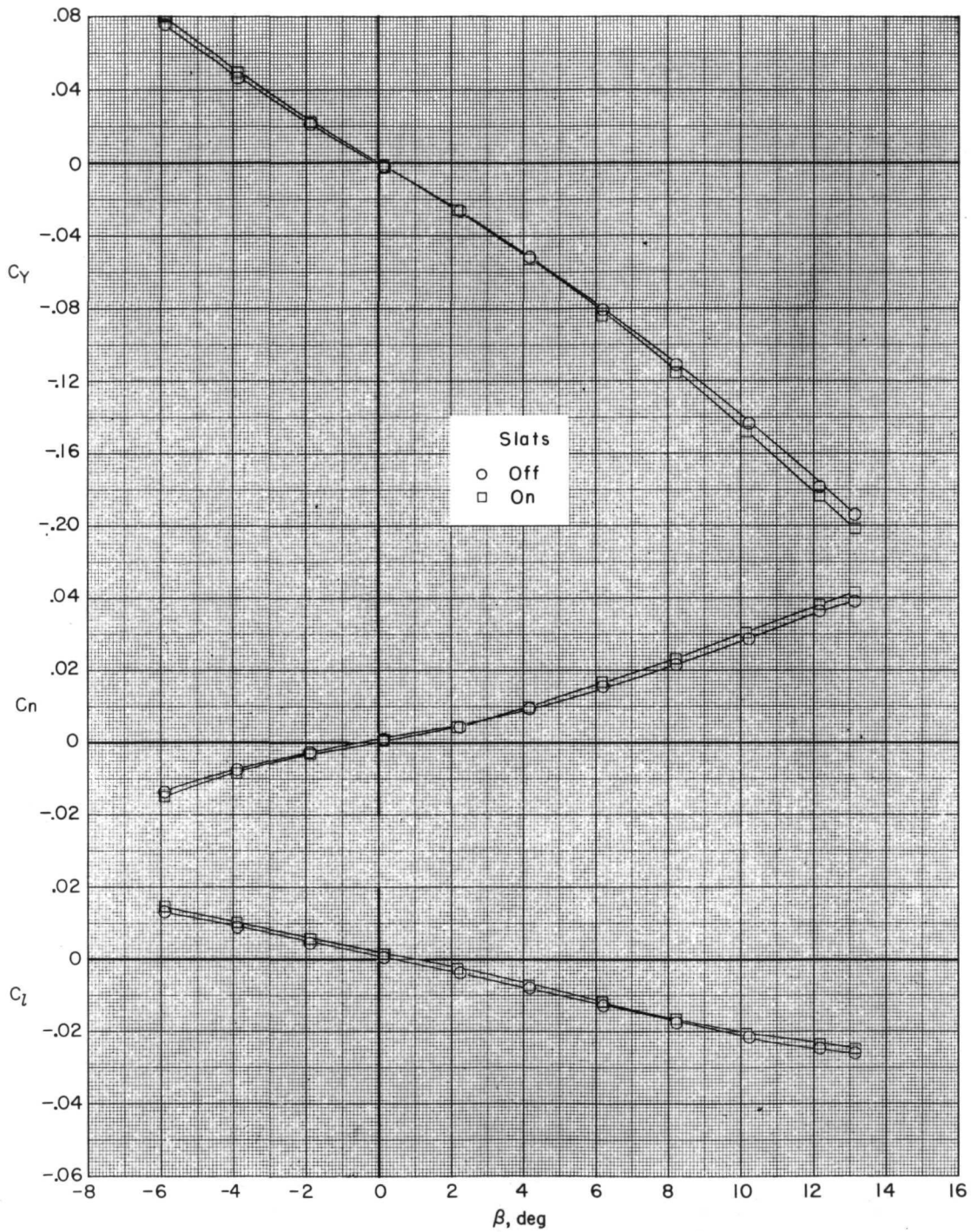
Figure 54.- Effect of  $S_{17_0} S_{18_m}$  slat arrangement on the lateral-directional characteristics of configuration 1 at  $\alpha \approx 5^\circ$ .





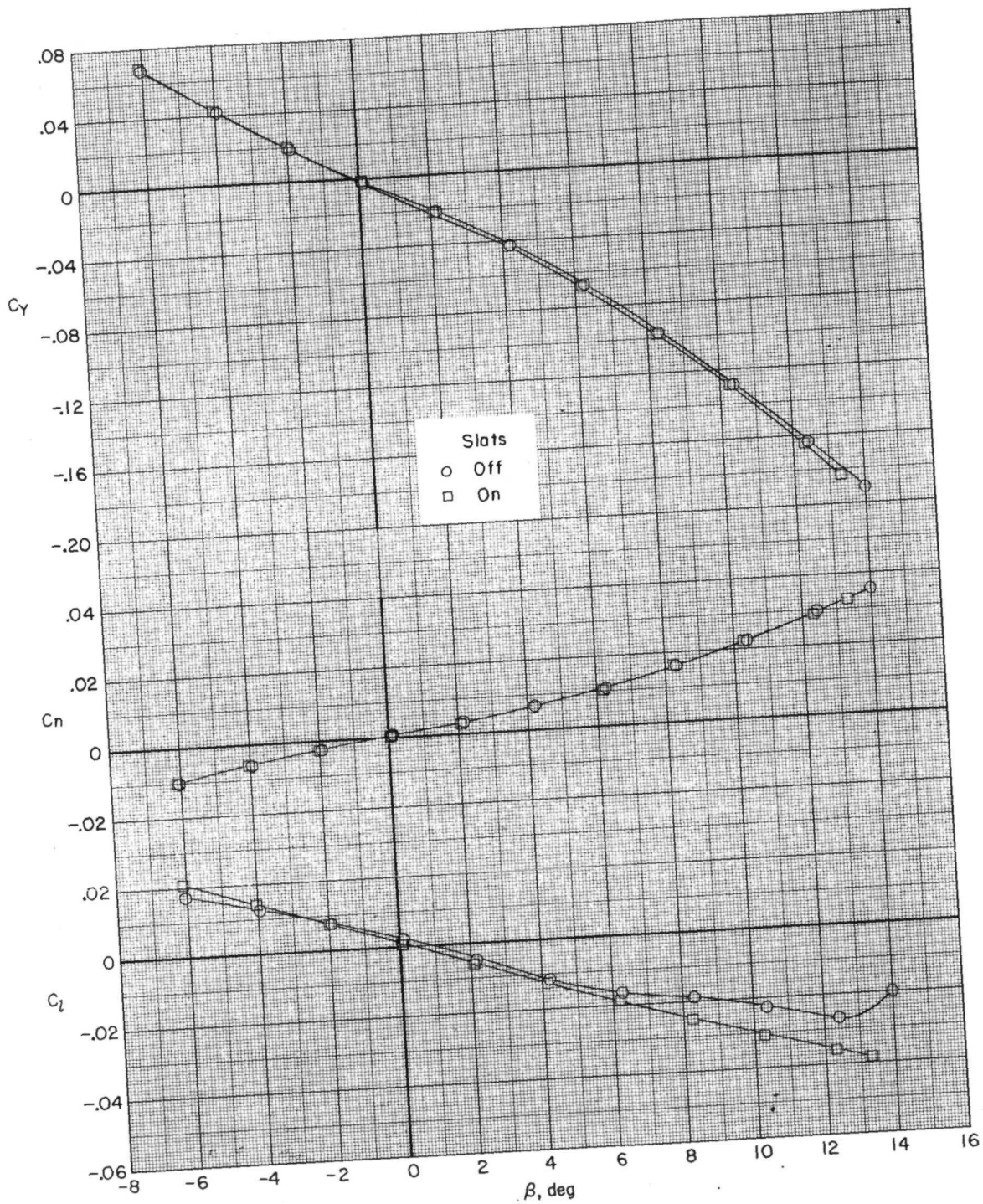
(b)  $M = 0.80$ .

Figure 54.- Continued.



(c)  $M = 0.90$ .

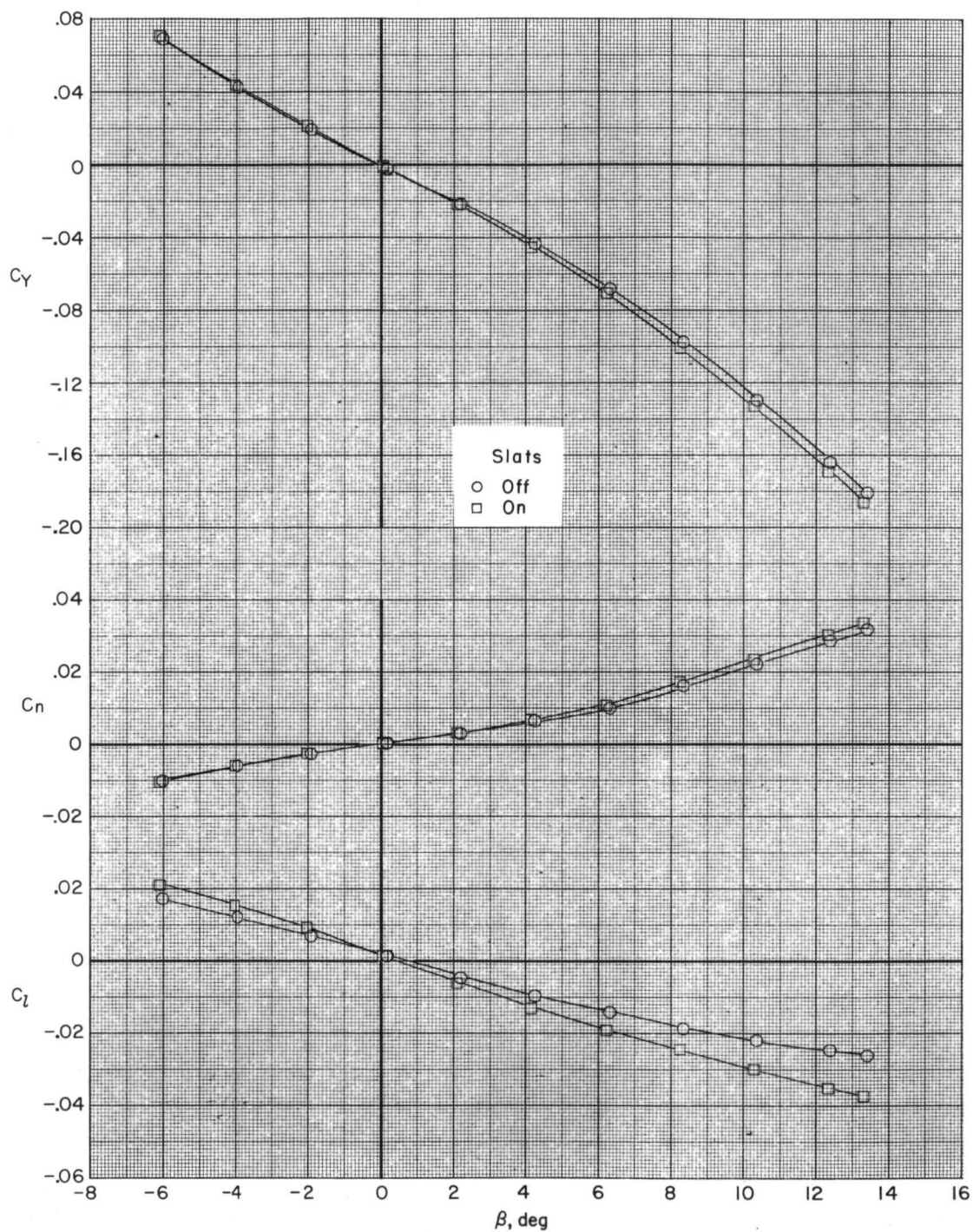
Figure 54.- Concluded.



(a)  $M = 0.60$ .

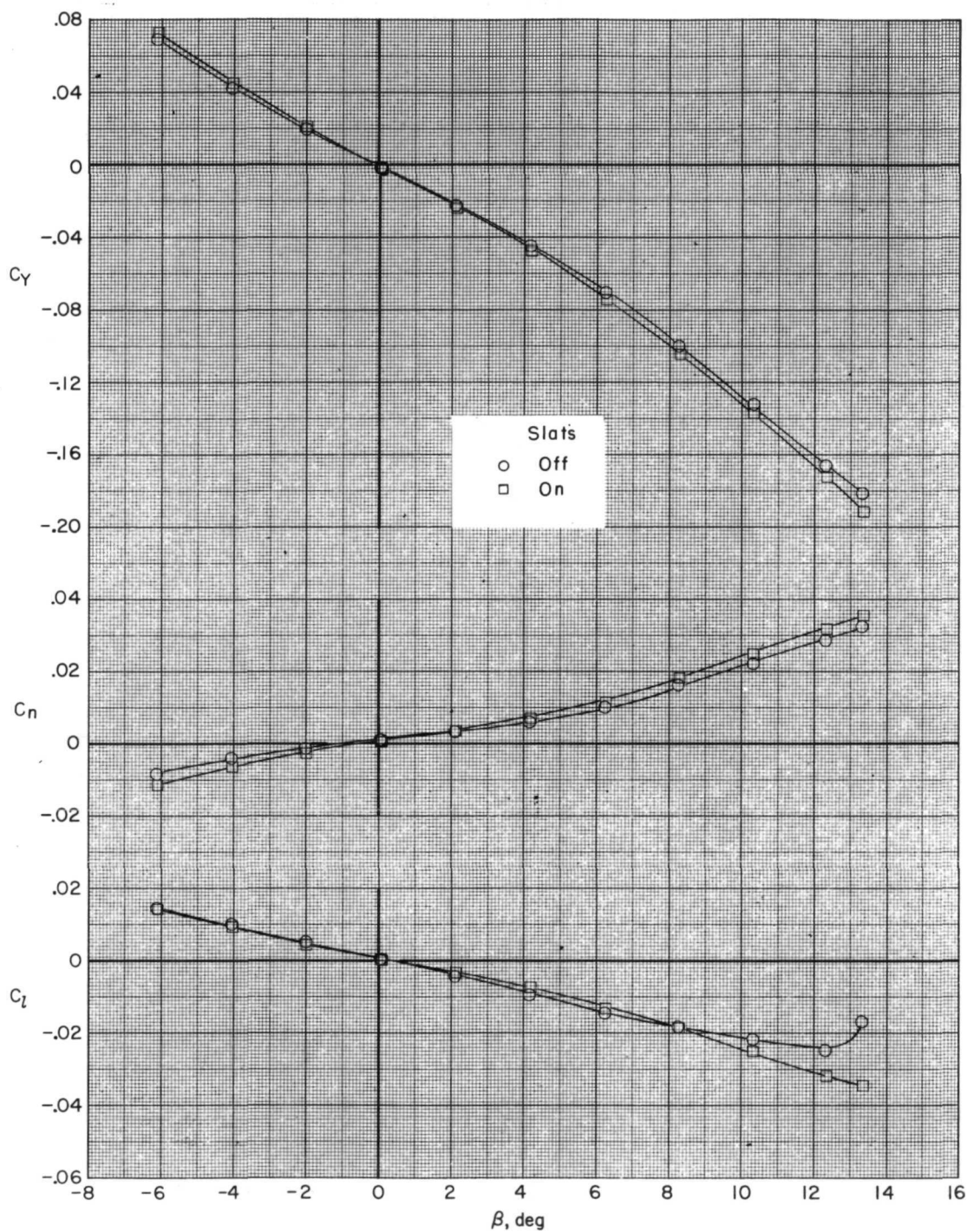
Figure 55.- Effect of  $S_{17_0} S_{18_m}$  slat arrangement on the lateral-directional characteristics of configuration 1 at  $\alpha \approx 14^\circ$ .





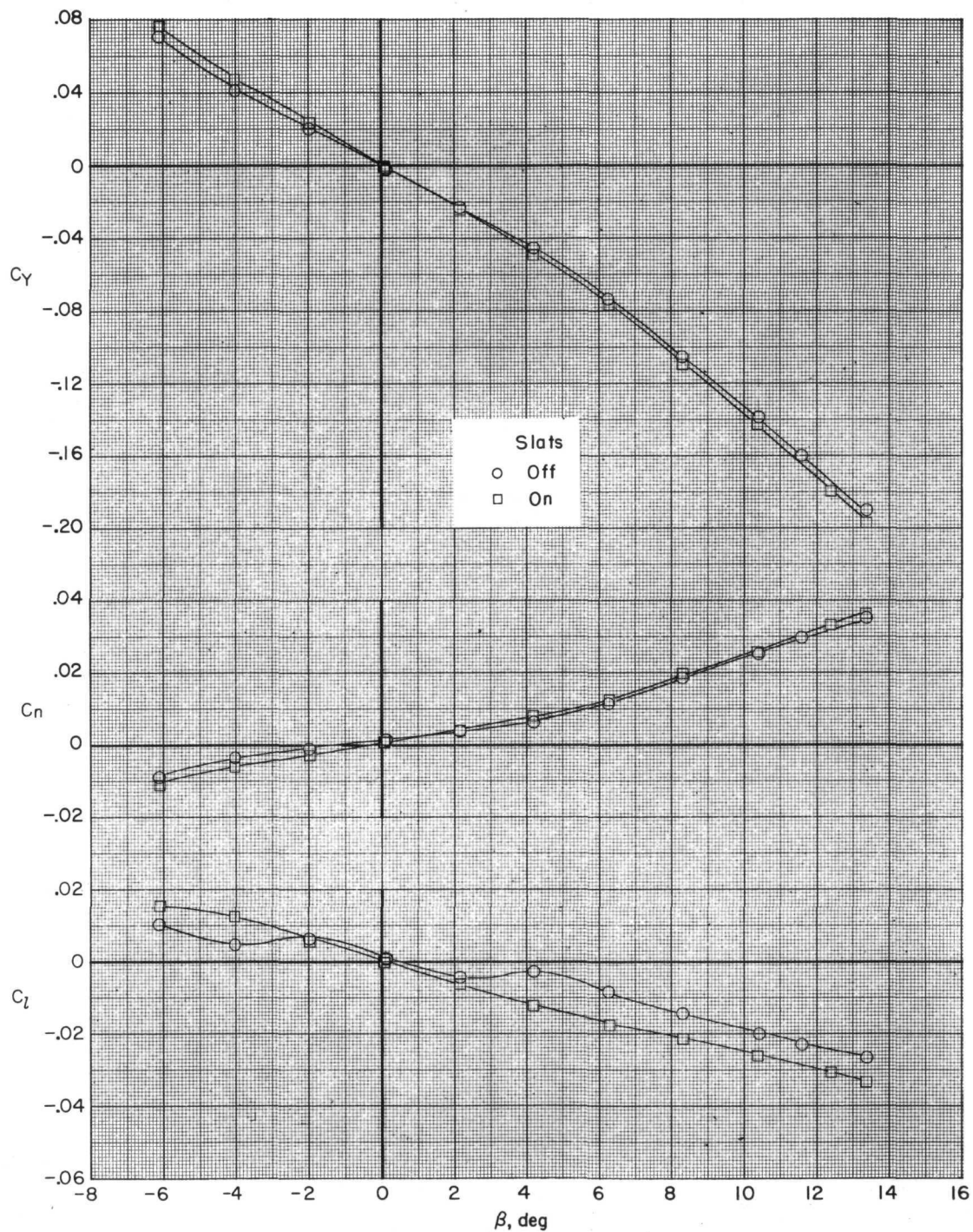
(b)  $M = 0.70$ .

Figure 55.- Continued.



(c)  $M = 0.80$ .

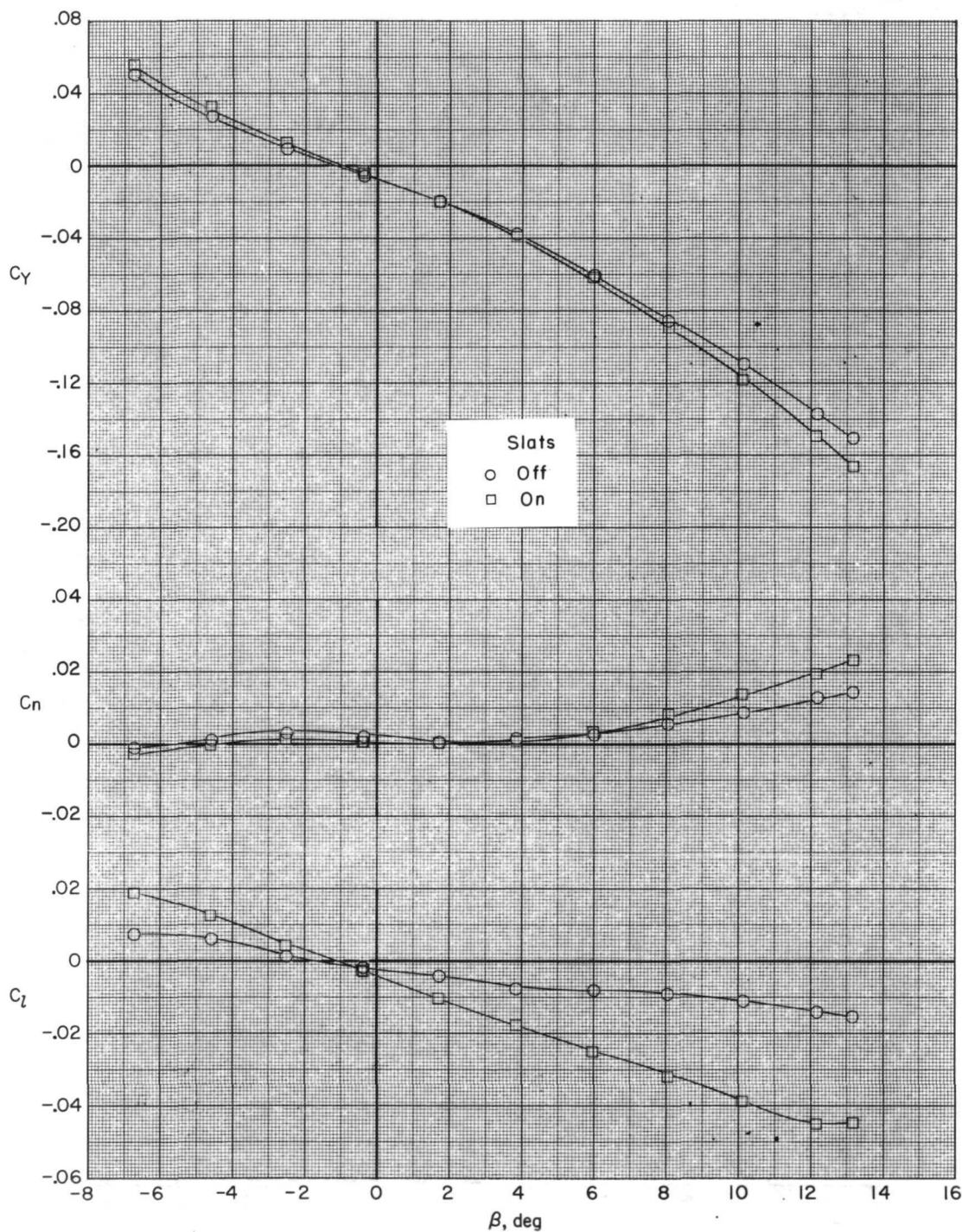
Figure 55.- Continued.



(d)  $M = 0.90$ .

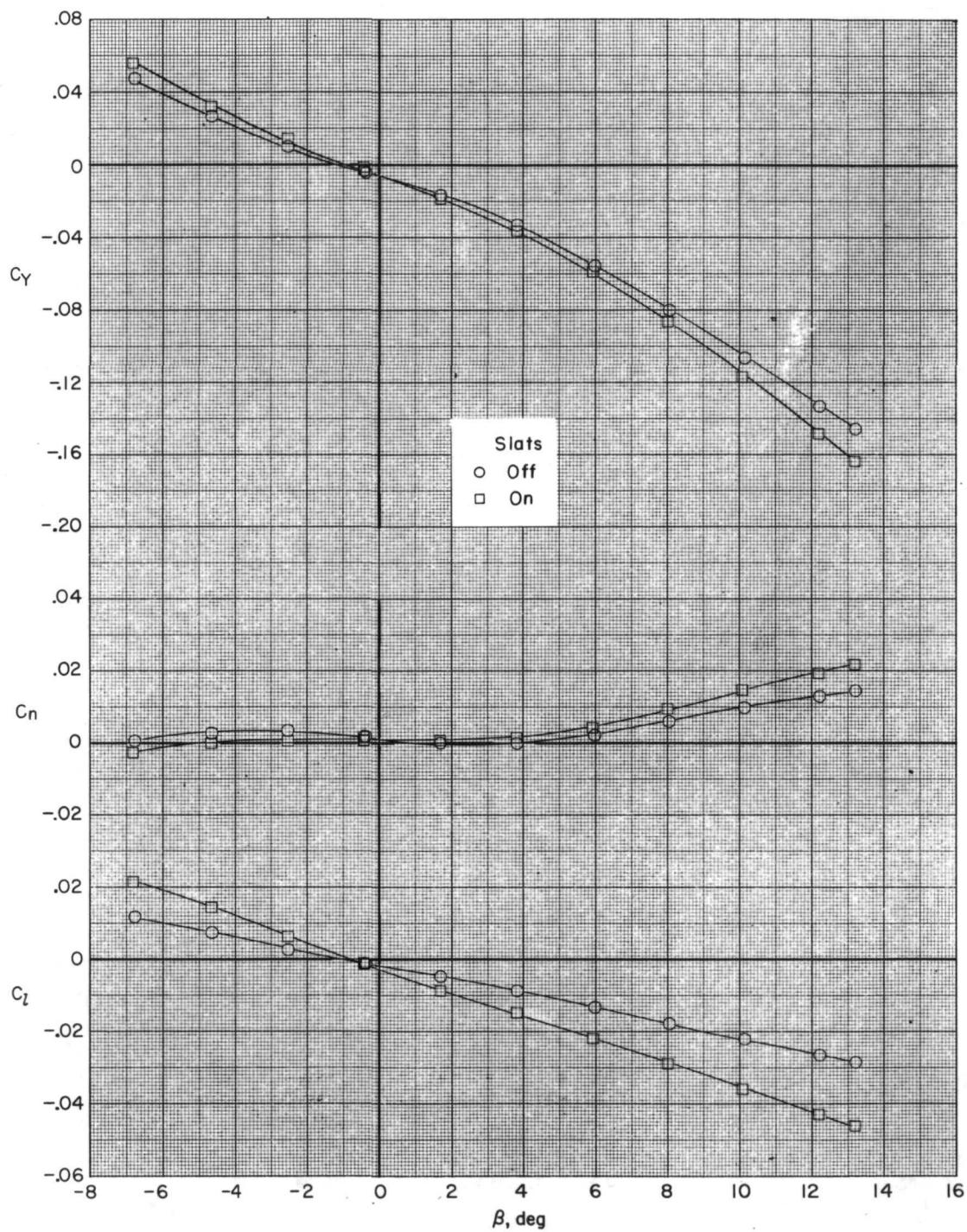
Figure 55.- Concluded.





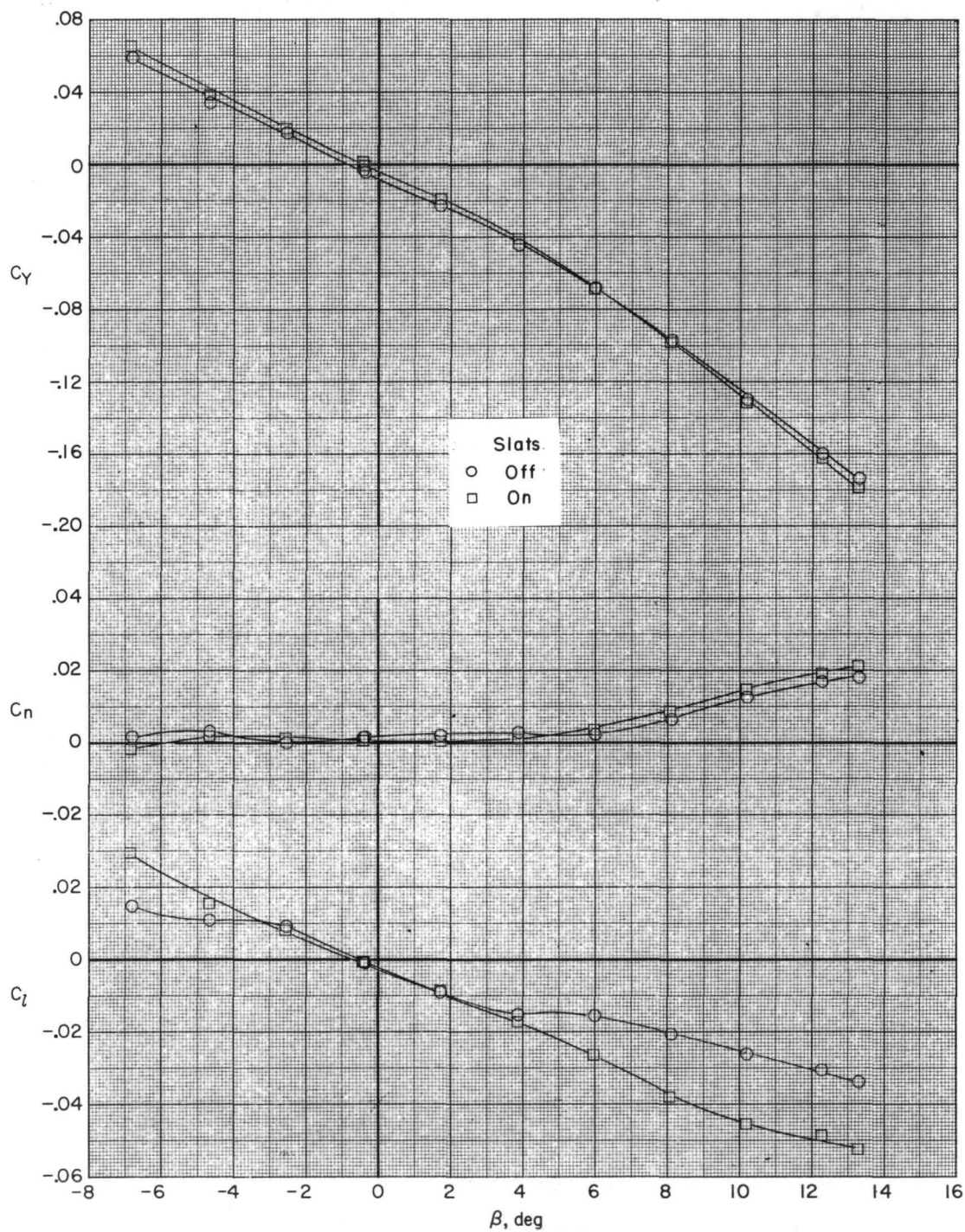
(a)  $M = 0.60$ .

Figure 56.- Effect of  $S_{17_0}S_{18_m}$  slat arrangement on the lateral-directional characteristics of configuration 1 at  $\alpha \approx 20^\circ$ .



(b)  $M = 0.80$ .

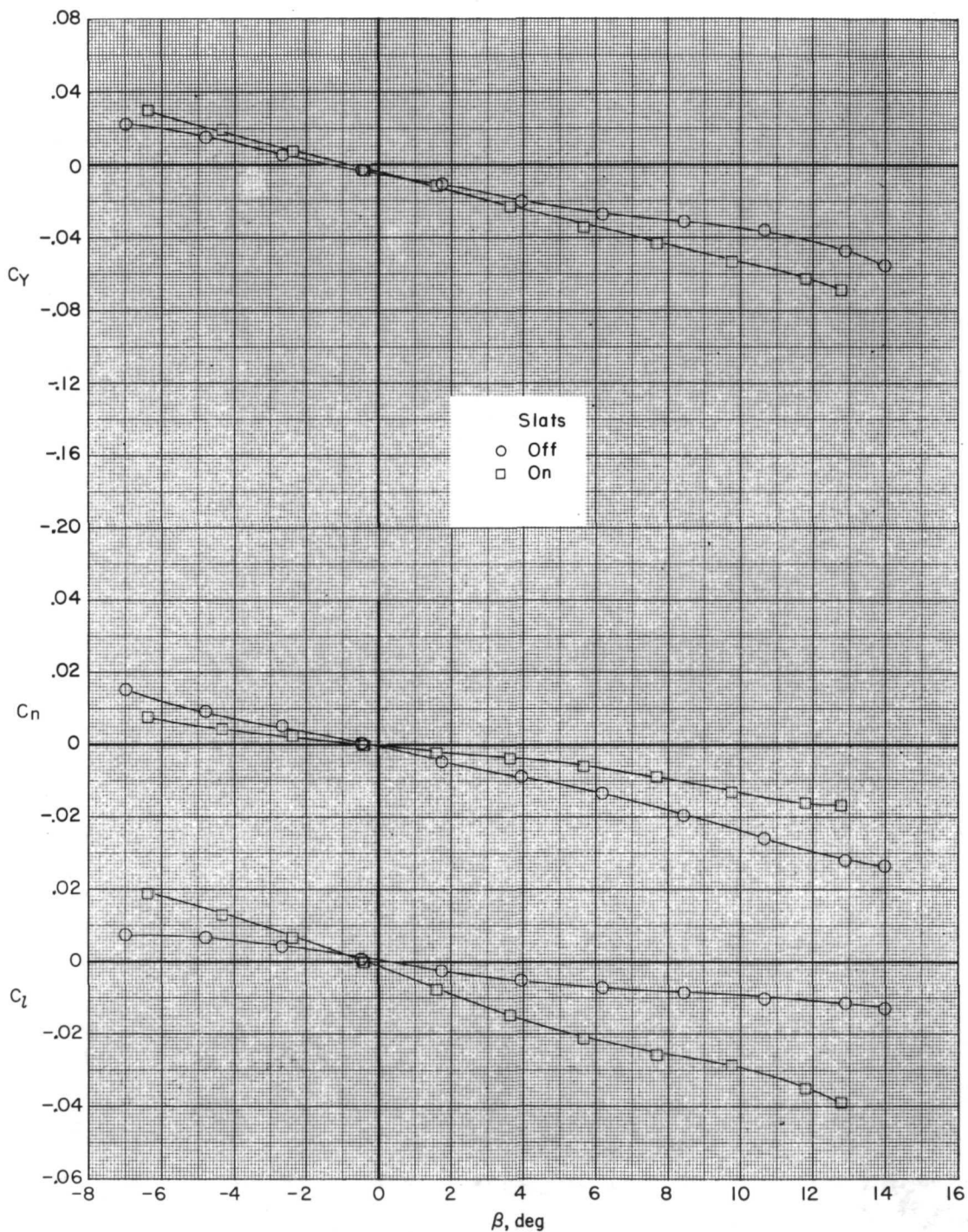
Figure 56.- Continued.



(c)  $M = 0.90$ .

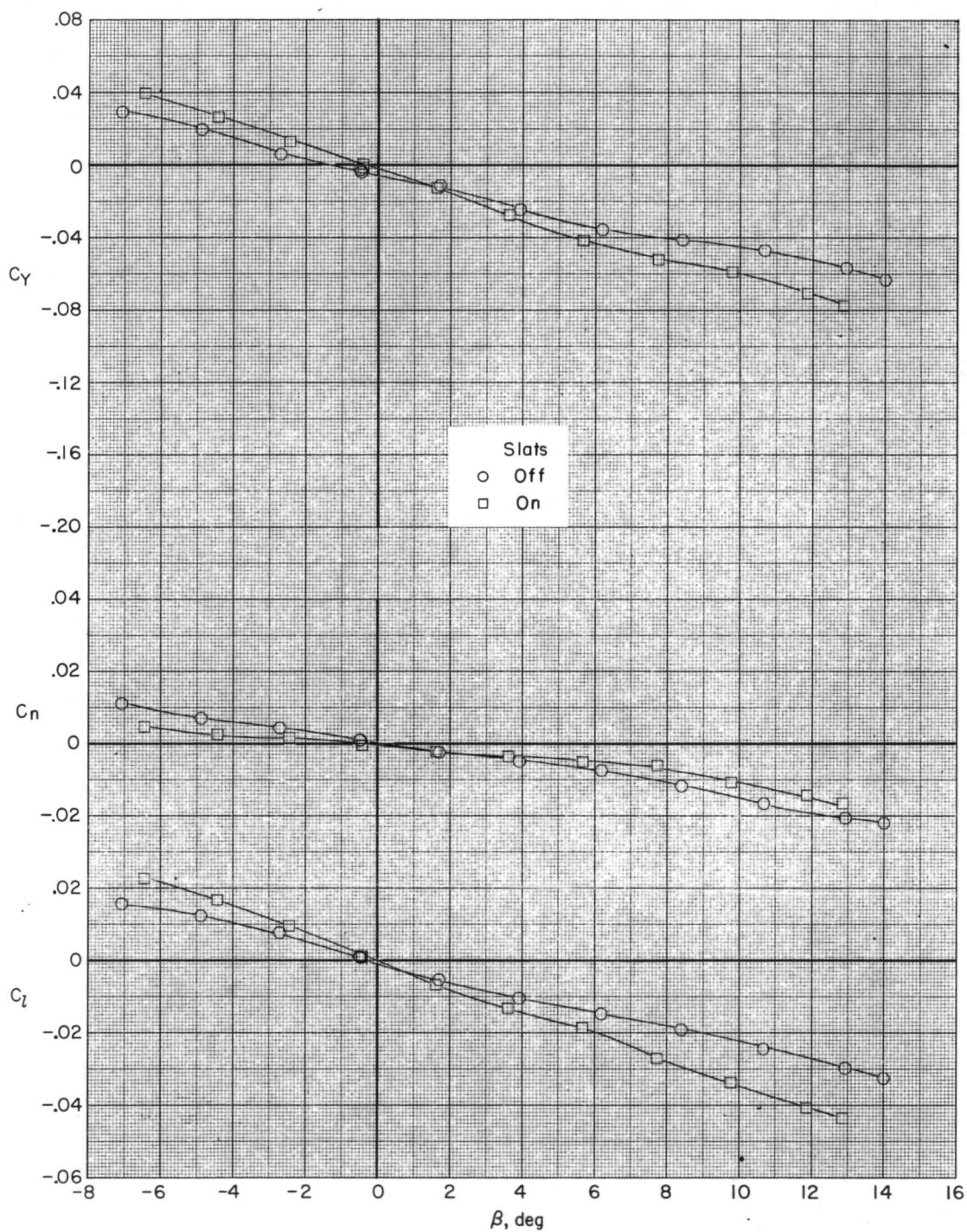
Figure 56.- Concluded.





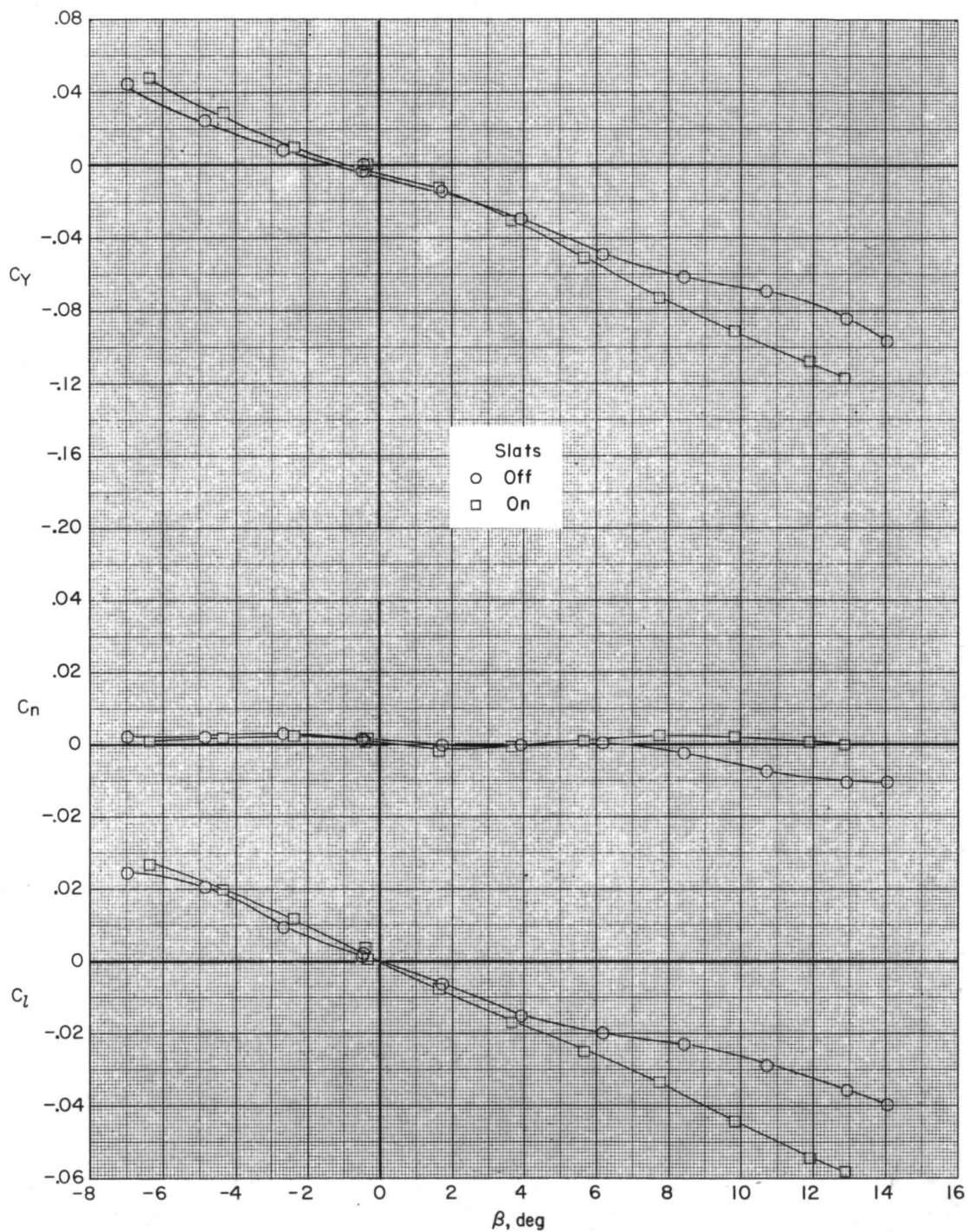
(a)  $M = 0.60$ .

Figure 57.- Effect of  $S_{17_0} S_{18_m}$  slat arrangement on the lateral-directional characteristics of configuration 1 at  $\alpha \approx 26^\circ$ .



(b)  $M = 0.80$ .

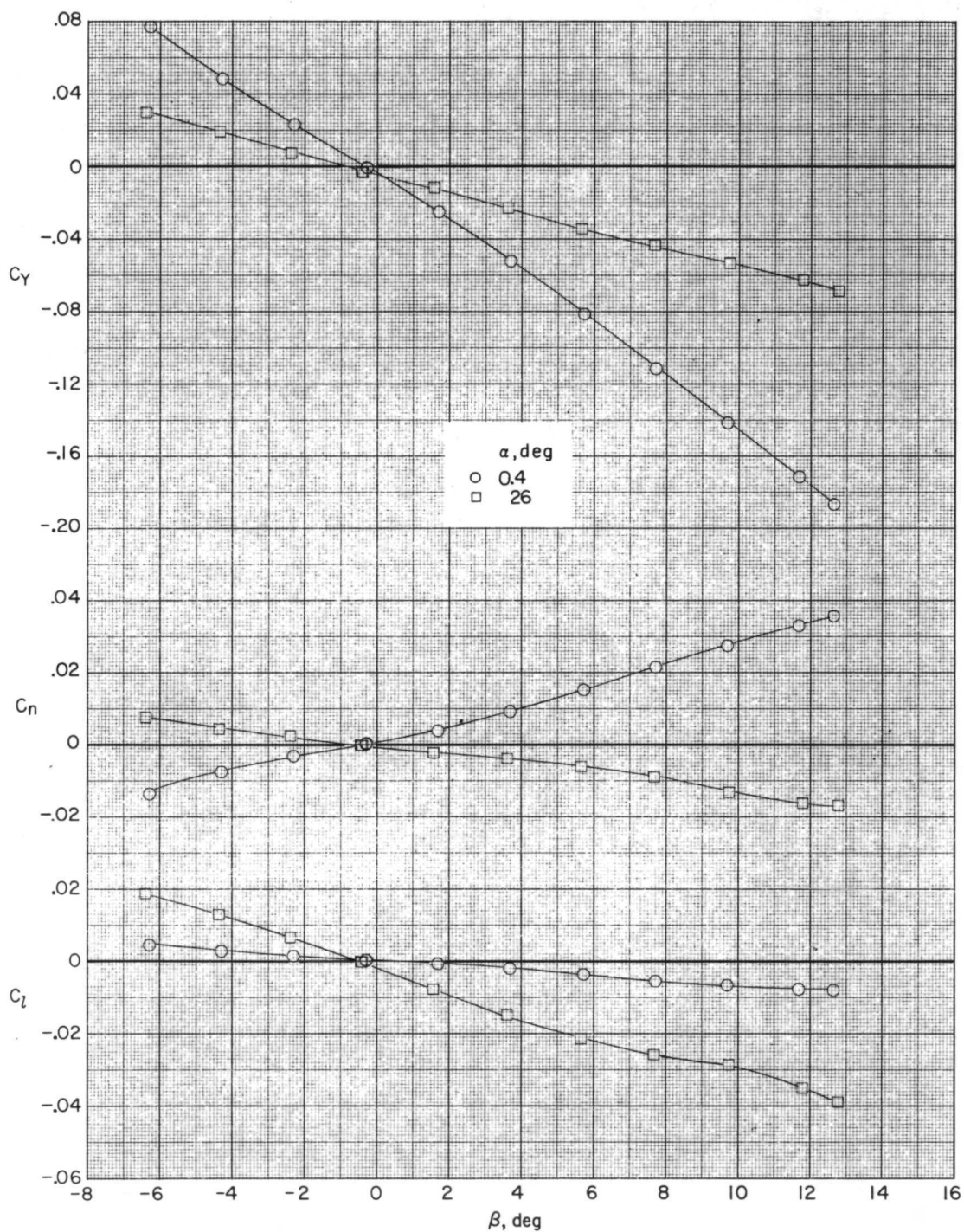
Figure 57.- Continued.



(c)  $M = 0.90$ .

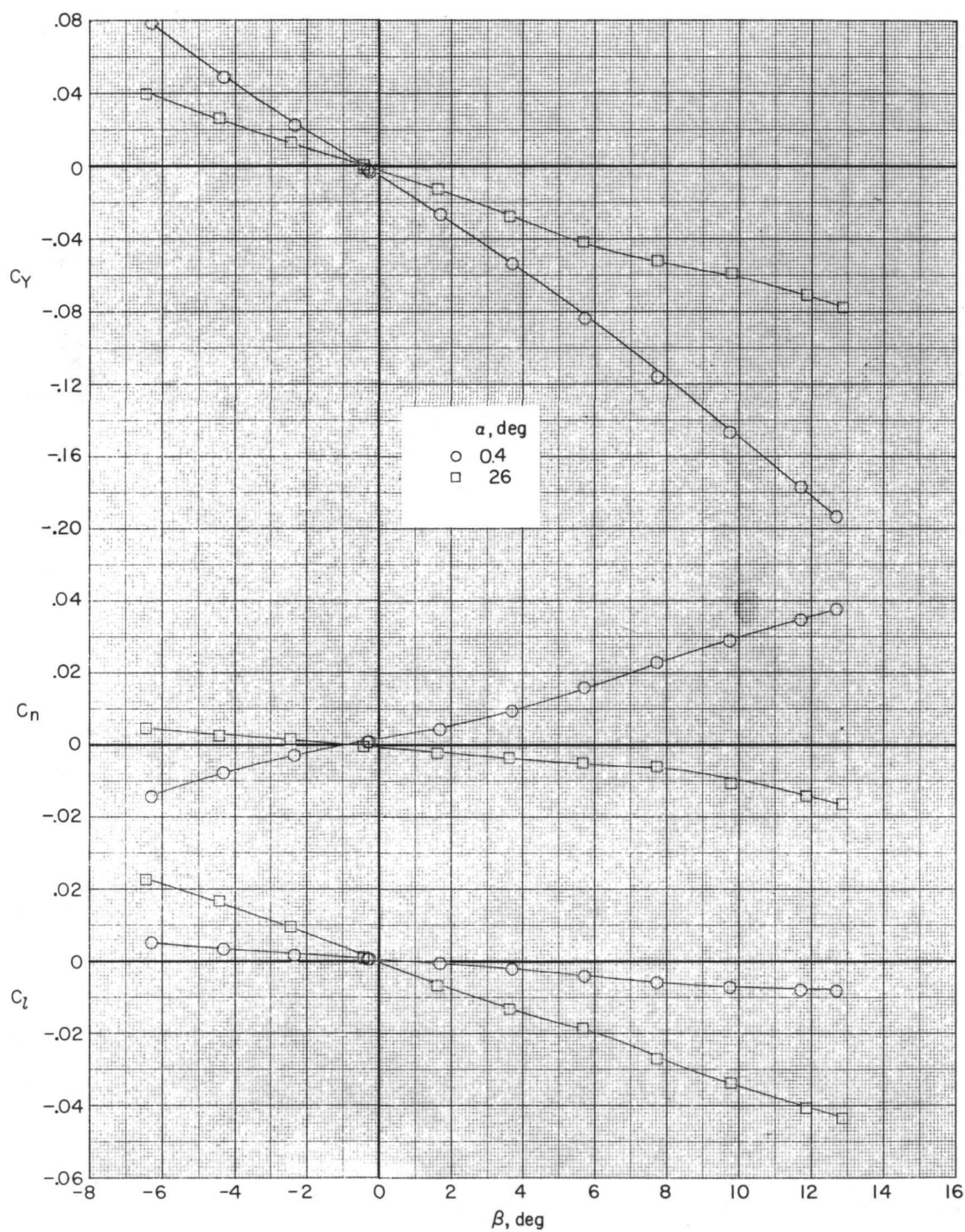
Figure 57.- Concluded.





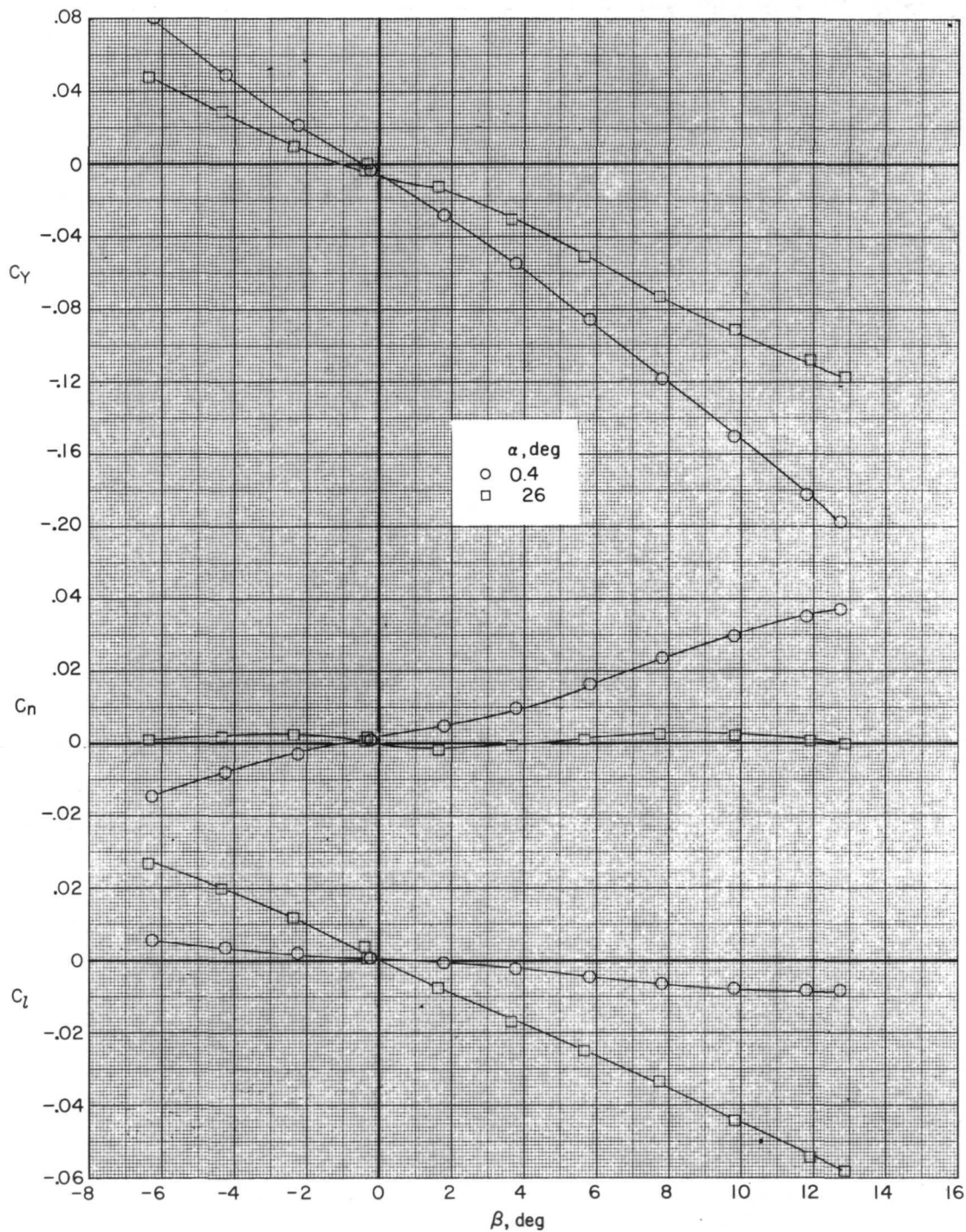
(a)  $M = 0.60$ .

Figure 58.- Effect of angle of attack on the lateral-directional characteristics of configuration 1 with the  $S_{17O} S_{18m}$  slat arrangement.



(b)  $M = 0.80$ .

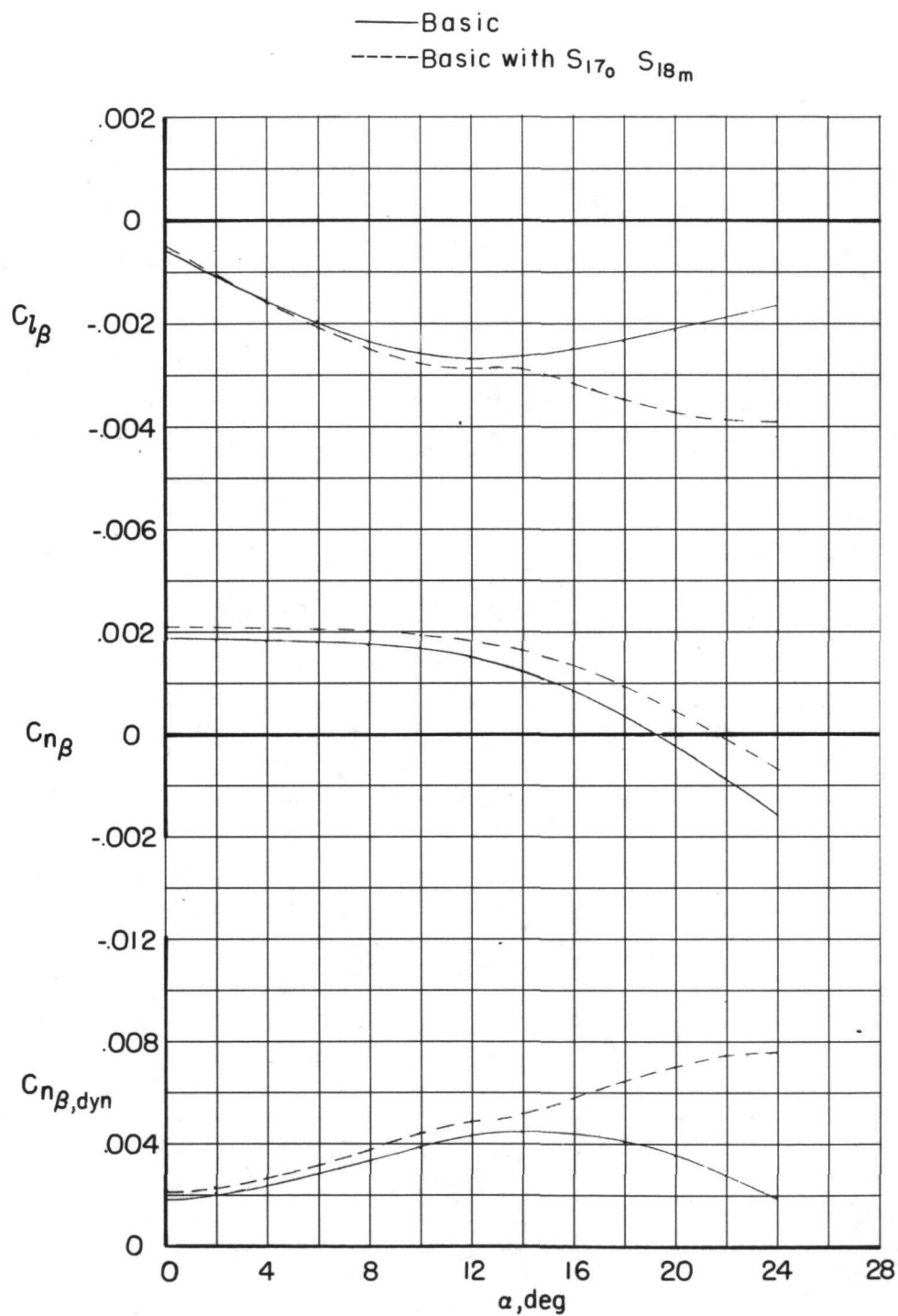
Figure 58.- Continued.



(c)  $M = 0.90$ .

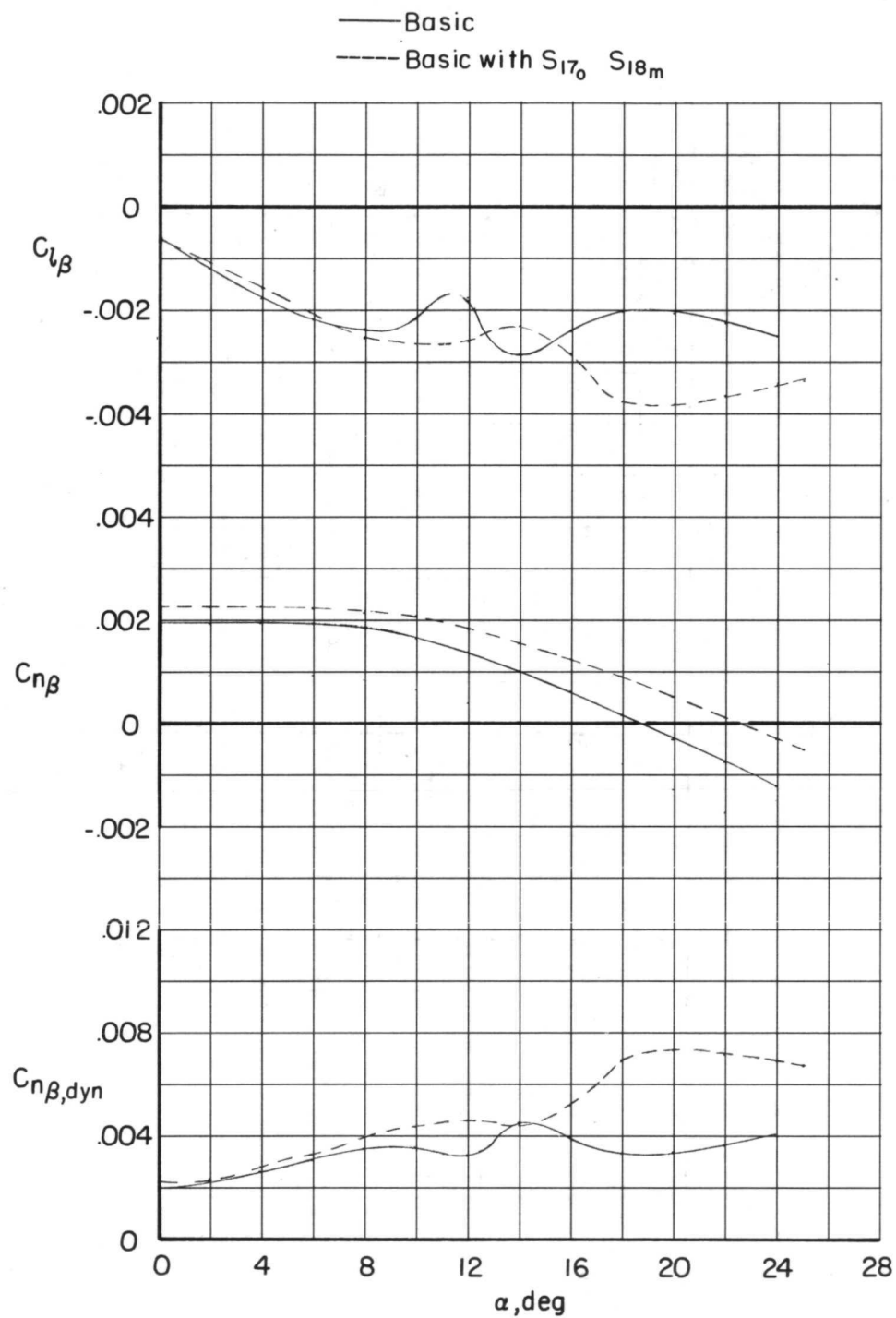
Figure 58.- Concluded.





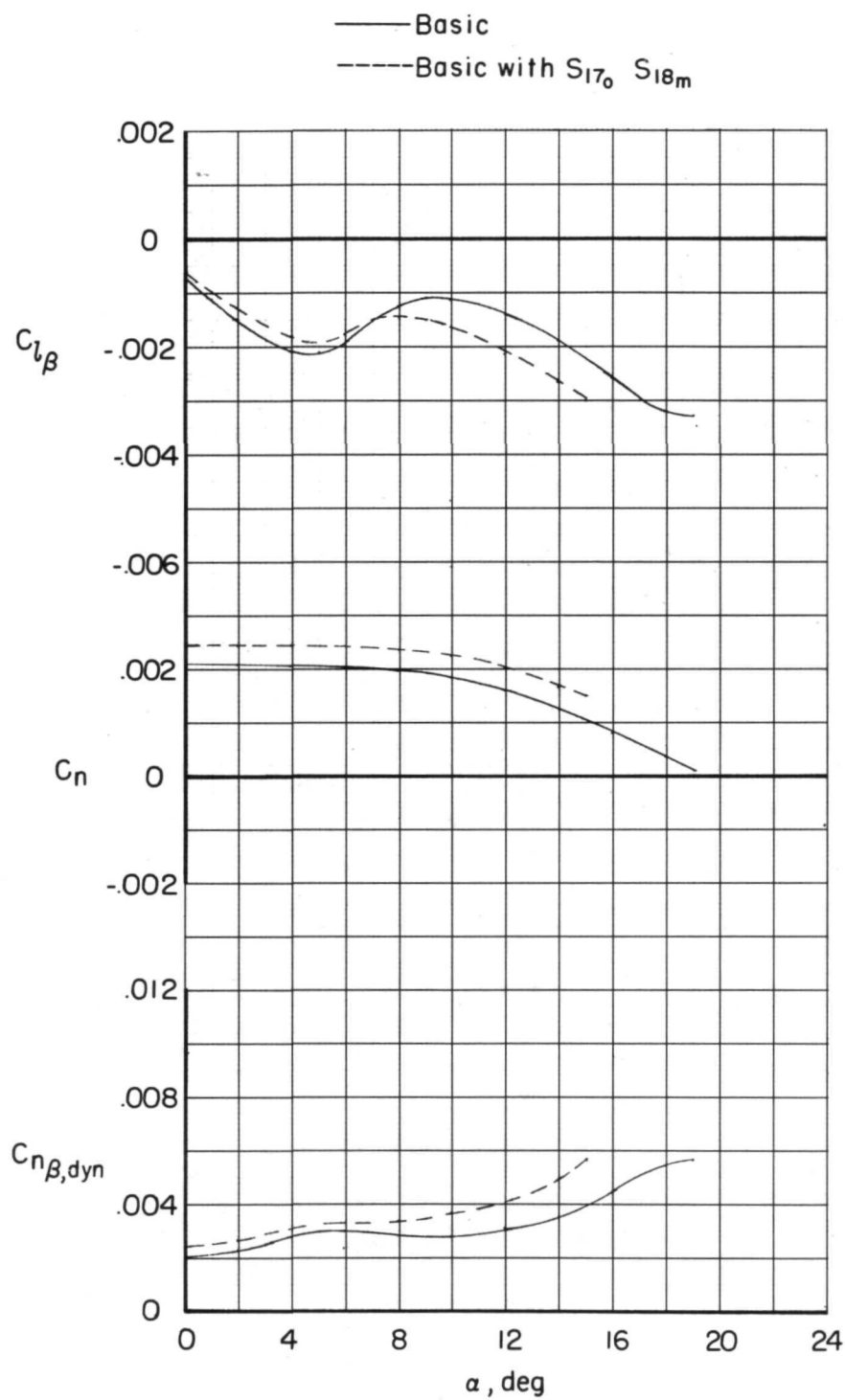
(a)  $M = 0.70$ .

Figure 59.- Effect of  $S_{170}$   $S_{18m}$  slats on lateral-directional characteristics of configuration 1. (Determined at fixed sideslip angles.)



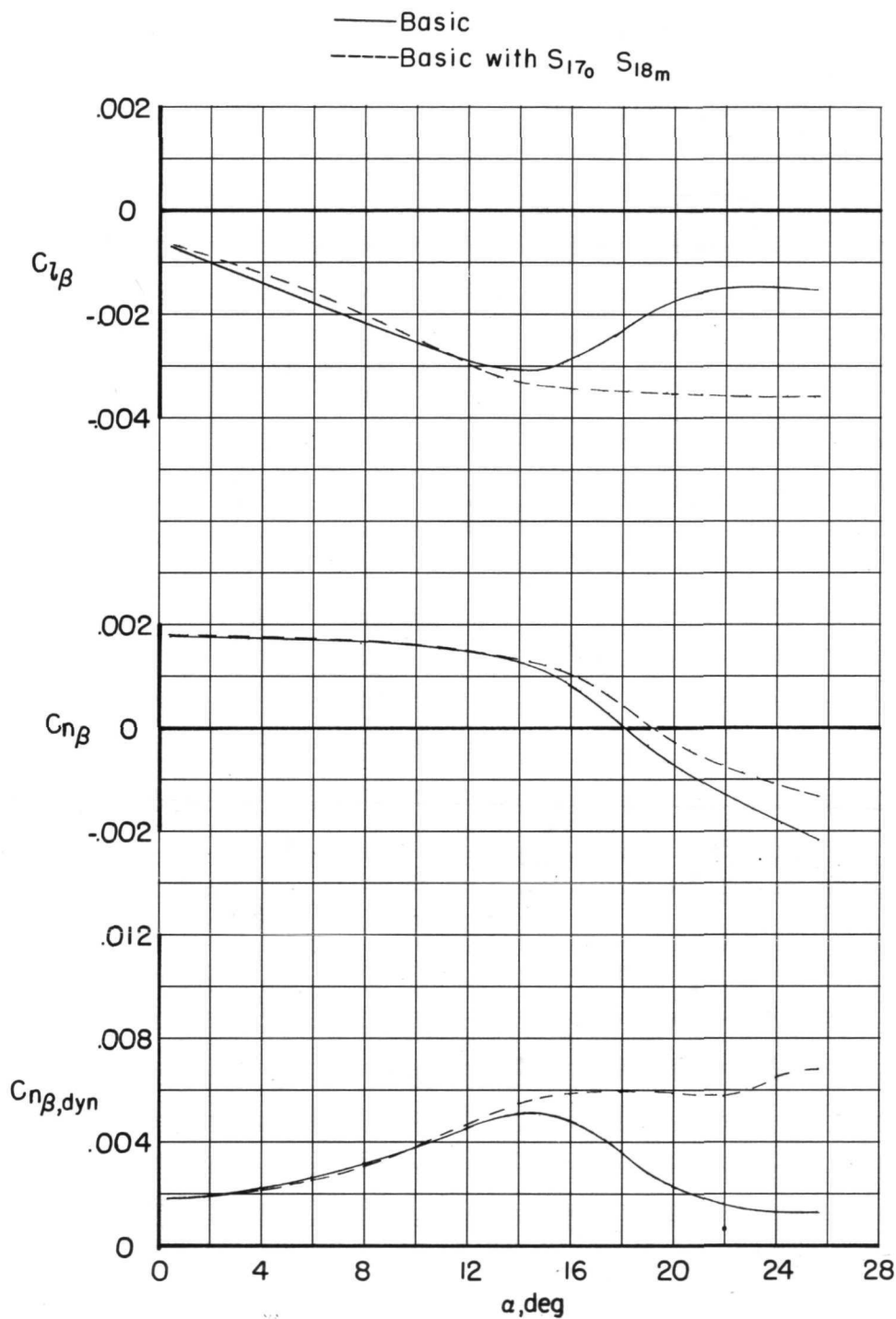
(b)  $M = 0.80$ .

Figure 59.- Continued.



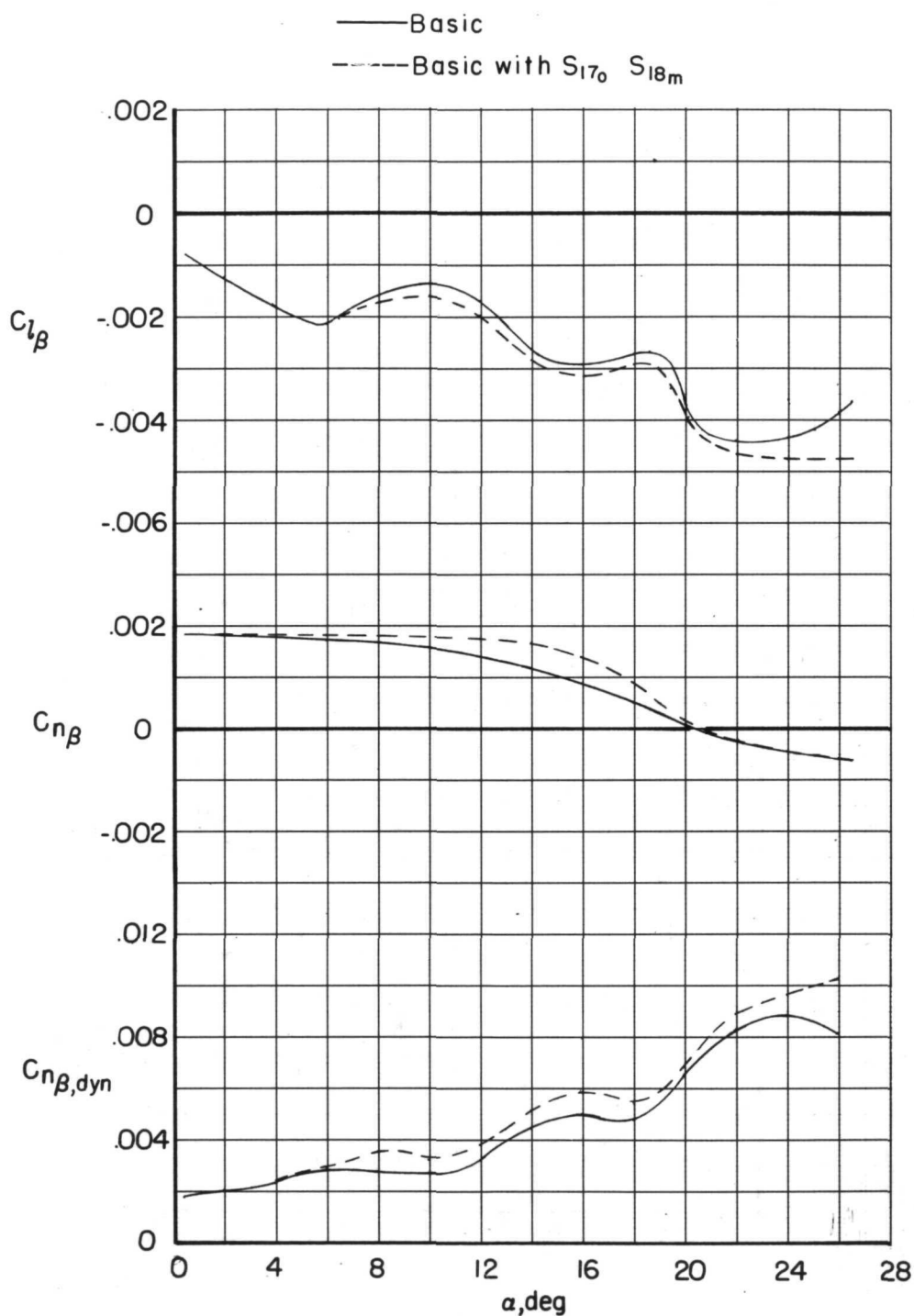
(c)  $M = 0.90$ .

Figure 59.- Concluded.



(a)  $M = 0.60$ .

Figure 60.- Effect of  $S_{17_0}$   $S_{18_m}$  slats on lateral-directional characteristics of configuration 1. (Determined at fixed angles of attack.)



(b)  $M = 0.90$ .

Figure 60.- Concluded.

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